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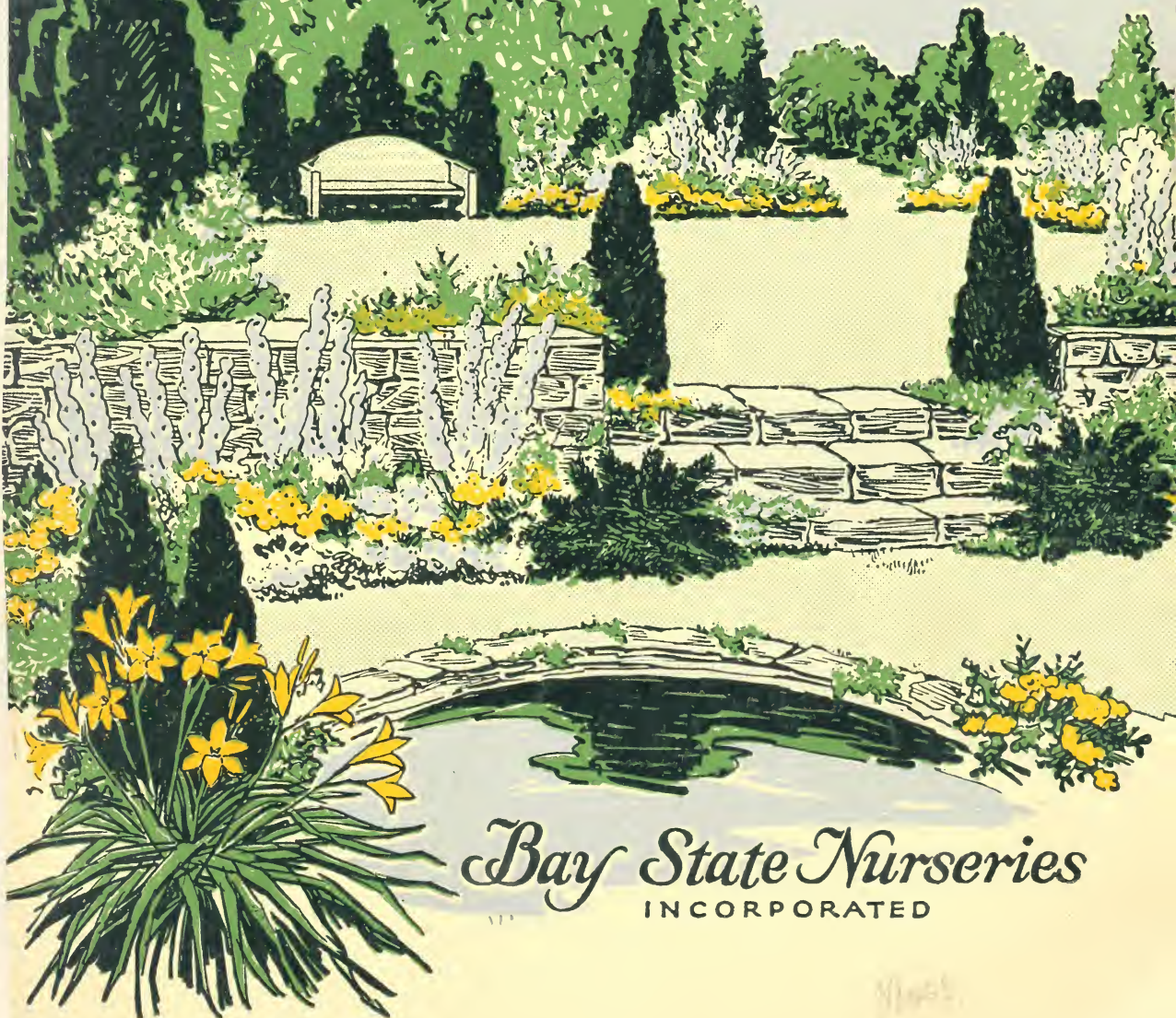
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# Better Gardens

Catalog

## for 1931

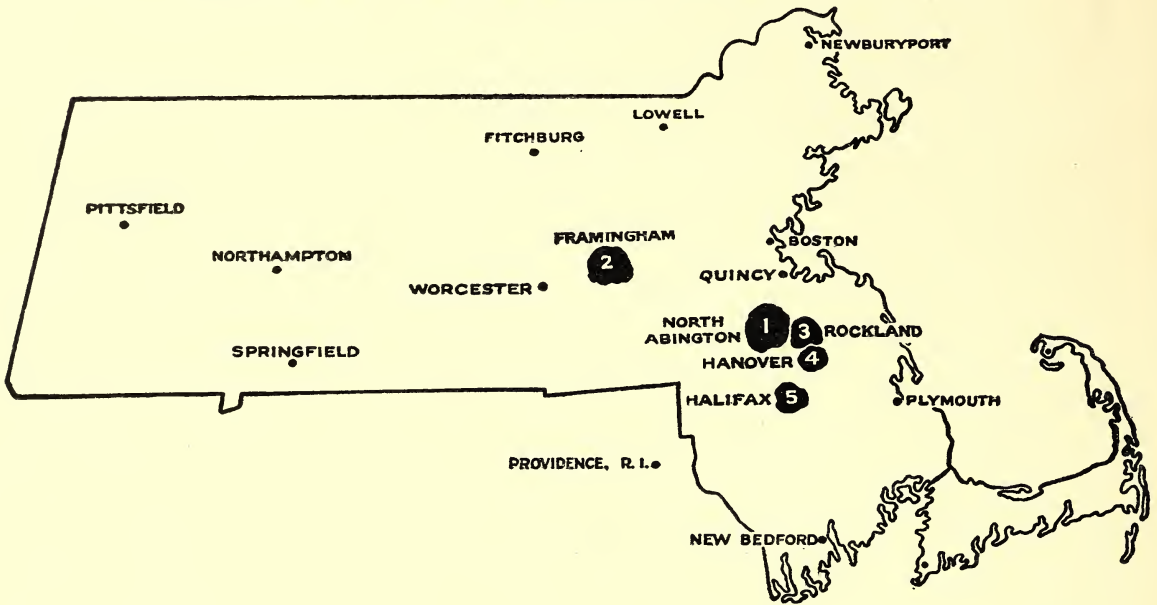


Bay State Nurseries  
INCORPORATED

11/19/31

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- 1—Main Offices at North Abington.
  - 2—Office and Nurseries at Framingham.
  - 3—Nurseries in Rockland—3 groups.
  - 4—Nurseries at Hanover.
  - 5—Nurseries at Halifax.

Sales Offices are not maintained at Hanover or Halifax.



It does not make any difference whether orders are addressed to North Abington or Framingham. Every day during the shipping season motor trucks go back and forth between our shipping offices at both places, collecting and assembling the best materials from both nurseries to fill orders completely and expeditiously.

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Railroad Siding, Packing Shed and Shipping Headquarters

## FOREWORD

**T**HIS Catalogue for 1931 offers a longer list of trees, shrubs, and plants than ever before, and in a greater range of sizes.

This increase has been made possible by the recent consolidation of the nursery interests of Mr. Windsor H. Wyman and his two sons—a complete merging of The Bay State Nurseries, of North Abington, Mass., with Wyman's Framingham Nurseries, of Framingham, Mass. The two concerns, under independent operation, had each earned an enviable reputation for producing plants of highest quality, shipping them carefully, and selling satisfaction with each order.

We sincerely believe that by combining the resources of these two fine nurseries we can render a nursery service unique in the industry—a service which will provide our customers with better results in their landscape and gardening efforts.

No great change in organization or business policy can be truly justified unless it promises its customers better service. Accordingly we enumerate here the advantages by which we believe our customers will benefit as a result of this union of our nursery interests.



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# *Advantages to You*

1. An unexcelled, perhaps unequaled, stock of Trees, Shrubs, Evergreens, Rhododendrons, Azaleas, Vines, Roses, Perennials, in a great range of variety and sizes, in large quantities and of uniform high quality.

2. This exceptional stock of plants can be selected from one catalogue and obtained from one firm.

3. A range of soils which enables us to grow our plants under the conditions they require.

4. In filling your orders, the best stock from each nursery will be selected.

5. A service of unusual promptness.

6. A service uniformly careful in digging, packing, and shipping orders.

7. Sales offices and show-grounds are maintained both at Framingham and at North Abington.

8. Transportation costs reduced by shipping orders from the nursery nearer the destination.

9. By eliminating duplication and by more specialized division of effort, we expect to save expense in growing and distributing our products. These savings will in one way or another be passed on to our customers.

10. Perhaps of greatest importance—a uniform policy of selling satisfaction with every order.

## **Landscape Service**

For the convenience of customers within handy distance from either nursery, we have inaugurated a Landscape Department. This service is not intended to compete with professional landscape architects, but rather to supplement them. Our Landscape Service includes planting service for those who wish us to plant nursery stock for them.

## **Policy and Management**

There is no change in the business policy of either nursery, except to improve it. Ownership and management remain in the Wyman family.

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# *Bay State Nurseries*

INCORPORATED

*Main Office:* NORTH ABINGTON, MASS.

... FORMERLY ...

THE BAY STATE NURSERIES

Windsor H. Wyman } Owners  
Donald D. Wyman }

WYMAN'S FRAMINGHAM NURSERIES

Richard M. Wyman, Owner

*Sales Offices and Show Grounds*

*are maintained both at Framingham and at North Abington*

*Telephones:* North Abington Office, Rockland 26; Framingham Office, Framingham 331

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Dwarf Evergreen Trees bring the house into proper relation with its surroundings

## EVERGREEN TREES

**T**HERE are no more beautiful things in nature than well-grown, well-cared-for Evergreen Trees. They are gracious and cool-looking in summer and cozy and comfortable in winter, adding just the proper touch of green amid the ice and snow to heighten the beauty of our New England landscapes. We have always grown a great variety of Evergreens and have many acres devoted to them where they are carefully tended from seedlings and grafts to bushy, well-developed trees. In order to make them surer to grow and easy to handle when out of the ground, we transplant them frequently, to produce a ball of thread-like roots which will hold the soil firmly and allow them to be shipped and replanted with the least possible check and every assurance that they will live and prosper.

The best time for planting Evergreens is during April and May and August and September. That is, during the dormant period which extends from late August to May. All our Evergreens are dug with large, firm balls of earth about the roots, which are securely wrapped in burlap to insure their arrival in good condition.

There is no end to their uses, just as there is no end to their infinite variety. Probably the owner of a small place will find best use for the dwarfer, slow-growing types which he can nestle around the foundation of his house, or group artistically at the corners of his steps, or in front of the porch. The larger place must have them for fine foliage groups, for windbreaks, for enclosing private portions of the grounds, for special formal treatment of various parts of the garden.

### ABBREVIATIONS USED IN THE FOLLOWING DESCRIPTIONS

Denoting Varieties for Seashore Planting: (†).

Denoting Rapidity of Growth: r, rapid; m, medium; s, slow; v, vigorous.

Denoting Sizes: L, large; M, medium; S, small; D, dwarf; VD, very dwarf.

Five or more plants of one kind will be furnished at 10 rate, twenty-five or more at 100 rate.



### ABIES • Fir

A large family of shapely trees with beautiful foliage, usually growing to great height, and in the first twenty-five to thirty years are most ornamental, attaining great picturesqueness with age. Firs should be planted as individual specimens or as a screen. They should not be used in foundation plantings.

**Abies balsamea. Balsam Fir. (Lr.)** This splendid evergreen is particularly famed for its pleasing pungent odor, usually identified with the Great North Woods. It makes a trim, pyramidal growth with flat, richly verdant needles borne horizontally, tinted lighter green on the under side. The Balsam Fir is quite a rapid grower, rather short-lived in dry places, but is good in cool, moist locations.

	Each	10	100
3 to 4 ft. . . . .	\$6 00	\$55 00	\$500 00
2½ to 3 ft. . . . .	5 00	45 00	400 00
2 to 2½ ft. . . . .	4 00	35 00	300 00

**A. concolor. White Fir. (Lm.)** A very hardy tree from the Rocky Mountains, with foliage of varying shades of dark green and blue. It grows rapidly and withstands heat and drought. As a single specimen, it is one of the most graceful and perfect trees, and the showiest of all the Firs.

	Each	10
4 to 5 ft. . . . .	\$12 00	\$115 00
3 to 4 ft. . . . .	10 00	95 00
2½ to 3 ft. . . . .	8 00	75 00
2 to 2½ ft. . . . .	6 00	55 00

**Abies fraseri. Fraser Fir. (Lr.)** Similar in appearance but superior to the Balsam Fir, which does not thrive south of New England, and preferred farther south.

	Each	10
3 to 4 ft. . . . .	\$7 00	\$65 00

**A. homolepis. Nikko Fir. (Lv.)** A very desirable, vigorous Fir, especially adapted to the eastern and northeastern states. A native of Japan. Has dark green leaves, silvery white on the lower surface, with violet-purple cones.

	Each	10
2½ to 3 ft. . . . .	\$6 00	\$55 00
2 to 2½ ft. . . . .	5 00	45 00

**A. veitchi. Veitch Fir. (Lr.)** The most rapid-growing Fir, making a tall, symmetrical tree with dark foliage, silvered on the under side. Very hardy and desirable for planting as a specimen.

	Each	10
4 to 5 ft. . . . .	\$11 00	\$95 00
3 to 4 ft. . . . .	8 00	76 00
2½ to 3 ft. . . . .	6 50	60 00
2 to 2½ ft. . . . .	5 00	45 00

This Catalogue does not adequately illustrate the quantities of Evergreens we grow and have to offer in various sizes. If you are looking for a large number of Evergreens for hedge or screen purposes, let us quote on your requirements. If you are looking for sizes not mentioned in the Catalogue, we can frequently furnish both smaller and larger sizes. If you will write us we will be very glad to tell you what sizes we can furnish, and at the same time give you the prices.



In this picture you see a field of over one hundred acres of Evergreens and Azaleas at our Framingham Nurseries





# CHAMAECYPARIS • Japan Cypress

This family includes some of the most graceful and beautiful trees in nature. Their soft, feathery foliage is particularly attractive, and they make splendid backgrounds for other planting. In smaller sizes they do well in window-boxes, are excellent for small formal effects, and grow well in tubs. Occasional shearing will greatly improve the density of their foliage and refresh their appearance. As they age they attain great beauty of form and an impressive dignity.

**Chamaecyparis obtusa. Hinoki Cypress.** Fairly tall evergreen of compact, pyramidal habit, with short, dark green needles in graceful, pendulous sprays. Desirable in group plantings.

	Each	10
18 to 24 in. . . . .	\$3 50	\$30 00

**C. pisifera. Sawara Retinospora. (Lr.)** An upright, graceful tree, slightly pendulous at the end of the branches. In northern latitudes it should be planted in sheltered locations.

	Each	10	100
4 to 5 ft. . . . .	\$8 00	\$75 00	
3 to 3½ ft. . . . .	5 00	45 00	\$400 00
2½ to 3 ft. . . . .	4 00	35 00	300 00

**C. pisifera aurea. Golden Sawara Retinospora. (Lr.)** Like the preceding, except for its beautiful golden foliage.

	Each	10
4 to 5 ft. . . . .	\$8 00	\$75 00
3½ to 4 ft. . . . .	6 50	60 00
3 to 3½ ft. . . . .	5 00	45 00
2½ to 3 ft. . . . .	4 00	35 00
2 to 2½ ft. . . . .	3 50	30 00

**C. pisifera filifera. Thread Retinospora. (Ms.)** A most ornamental tree, with deep green, string-like, drooping foliage which it retains at all seasons of the year. Best of all, it thrives in more or less shady places, and is extremely effective in foundation plantings and for massing with other evergreens.

	Each	10
3 to 3½ ft. . . . .	\$6 50	\$60 00
2½ to 3 ft. . . . .	5 50	50 00
2 to 2½ ft. . . . .	4 50	40 00

**C. pisifera filifera aurea. Golden Thread Retinospora. (Ms.)** We like this tree the best of the Golden Cypressess. It is very much like the Thread Retinospora in style of plant, but is even slower in growth and keeps its rounded, compact form for many years. The foliage is bright golden yellow, which makes a beautiful contrast with other evergreens.

	Each	10
2½ to 3 ft. . . . .	\$9 00	\$85 00
2 to 2½ ft. . . . .	7 00	65 00
18 to 24 in. . . . .	5 00	45 00

**C. pisifera plumosa. Plume Retinospora. (Ms.)** Soft, feathery, light green foliage, and very graceful. To keep it from becoming open and ragged, it should be sheared in the middle of June. All Japan Cypressess are splendid for plantings around the foundation of the house, and this variety is particularly fine for that purpose.

	Each	10	100
3 to 3½ ft. . . . .	\$6 00	\$55 00	\$500 00
2½ to 3 ft. . . . .	4 50	40 00	360 00
2 to 2½ ft. . . . .	3 50	30 00	250 00
18 to 24 in. . . . .	2 75	25 00	200 00

**C. pisifera plumosa aurea. Goldenplume Retinospora. (Ms.)** A golden form of the preceding. It is one of the most popular evergreens, and particularly liked for its rich yellow foliage, which shows up well among the more somber greens and grays of other varieties.

	Each	10	100
3 to 3½ ft. . . . .	\$5 50	\$50 00	\$450 00
2½ to 3 ft. . . . .	4 50	40 00	360 00
2 to 2½ ft. . . . .	3 50	30 00	250 00
18 to 24 in. . . . .	2 75	25 00	200 00

**Chamaecyparis pisifera plumosa lutescens. Dwarf Retinospora. (VDs.)** A dwarf, globe-shaped plant, with feathery foliage of lighter color than the preceding. It is valuable for its low growth and the extra color tone it brings to increase variety among the evergreens.

	Each	10
3-ft. spread . . . . .	\$9 00	\$80 00
2½-ft. spread . . . . .	7 00	65 00
2-ft. spread . . . . .	5 50	50 00

**C. pisifera plumosa sulphurea. Sulphurplume Retinospora. (Ms.)** Similar to *C. pisifera plumosa aurea*, but the color is more brilliant and is retained throughout the year. Viewed in some lights it has a metallic glitter of sulphury yellow which is especially noteworthy and attractive. Prices and sizes same as *C. pisifera plumosa aurea*.

**C. pisifera squarrosa. Moss Retinospora. (Ms.)** An ornamental Japanese tree with fleecy, bluish gray foliage, quite distinct from that of other evergreens. It should be planted in somewhat sheltered positions where its unusual beauty will repay the attention given. Ours is a hardy strain, and is seldom marred by frost or winter sunshine.

	Each	10
2½ to 3 ft. . . . .	\$5 50	\$50 00
2 to 2½ ft. . . . .	4 50	40 00



Chamaecyparis pisifera plumosa aurea  
(Goldenplume Retinospora)



*Juniperus chinensis pfitzeriana* softening the edges of the steps with feathery, friendly green

## JUNIPERUS • Juniper

These stately trees are very effective in garden and landscape. There are low forms which make splendid ground-covers for banks and rough ground. Junipers are invaluable for formal effects, many of them having the fine columnar form required for architectural emphasis. They are very hardy and their foliage is seldom damaged by bright winter sunshine.

†*Juniperus chinensis. Chinese Juniper.* A handsome, gray-green tree, reaching 60 feet with age, but which can be kept lower and shrubbier. Very hardy, easy to grow, and makes a fine neutral background for flowering shrubs and other low evergreens when planted in large groups.

	Each
2½ to 3 ft. . . . .	\$6 50
2 to 2½ ft. . . . .	5 50

†*J. chinensis pfitzeriana. Pfitzer Juniper.* (Ss.) A dwarf, fan-shaped evergreen with horizontally spreading branches, as broad as tall, of rough grayish green. It is very hardy, will thrive under very unfavorable conditions, and is very well adapted to planting about foundations, entrances, and beside steps. We call special attention to the large sizes in which we can furnish this popular variety. These will produce a finished, established, long-planted effect the first season and grow finer year by year.

	Each	10	100
4 to 5 ft. . . . .	\$16 00	\$150 00	
3½ to 4 ft. . . . .	12 00	115 00	\$1100 00
3 to 3½ ft. . . . .	8 50	80 00	750 00
2½ to 3 ft. . . . .	6 50	60 00	
2 to 2½ ft. . . . .	5 00	45 00	
18 to 24 in. . . . .	3 50	33 00	

Extra-fine, compact specimens, sheared many times.

4 to 5 ft. . . . .	20 00	190 00
3½ to 4 ft. . . . .	16 00	150 00

†*Juniperus chinensis columnaris. Columnar Chinese Juniper.* Compact, narrow tree, with grayish foliage. Very formal and useful for accent points, specimens, and special architectural effects.

	Each
3 to 3½ ft. . . . .	\$6 00
2½ to 3 ft. . . . .	5 00

*J. chinensis sargentii. Sargent's Juniper.* Trailing shrub, with erect branchlets, forming dense mats which make a handsome ground-cover and are particularly useful on banks and in rock-gardens where it can be allowed to develop naturally. Its foliage is silvery gray-green, a restful color and one which harmonizes with all surroundings.

	Each	10
15 to 18 in. . . . .	\$4 50	\$42 00
12 to 15 in. . . . .	3 50	33 00

*J. communis columnaris. Upright Juniper.* Pyramidal type of Juniper with moderately compact growth of feathery silver needles.

	Each	10
3 to 3½ ft. . . . .	\$6 00	\$55 00
2½ to 3 ft. . . . .	5 00	45 00
2 to 2½ ft. . . . .	4 00	36 00

*J. communis cracovica. Polish Juniper.* Columnar; moderately loose, open fastigiate. Needles ½ to ¾ inch long, somewhat gray.

	Each	10
3 to 4 ft. . . . .	\$5 50	\$50 00
2½ to 3 ft. . . . .	4 50	40 00
2 to 2½ ft. . . . .	3 50	30 00





†*Juniperus communis depressa*. *Common Spreading Juniper*. Very hardy; light bluish foliage. It will live in light, sandy soil and withstand severe exposure. Each 10

3 to 3½ ft. spread . . . . .	\$7 00	\$66 00
2½ to 3 ft. . . . .	5 50	50 00
2 to 2½ ft. . . . .	4 00	37 50
18 to 24 in. . . . .	3 25	30 00

†*J. communis depressa plumosa*. *Plumed Prostrate Juniper*. A variety of the preceding with feathery foliage which turns rich bronzy green in winter and exceedingly handsome. Each 10

2½ to 3 ft. . . . .	\$7 00	\$65 00
2 to 2½ ft. . . . .	5 50	50 00

*J. communis hibernica*. *Irish Juniper*. (Mm.) A slender, columnar tree with bluish green foliage. Much used for border planting. A most attractive species when sheltered from severe winds. Each 10 100

4 to 4½ ft. . . . .	\$6 50	\$60 00	\$550 00
3 to 3½ ft. . . . .	5 00	45 00	400 00
2½ to 3 ft. . . . .	4 00	36 00	330 00
2 to 2½ ft. . . . .	3 00	27 00	250 00

*J. communis hibernica nana*. *Dwarf Irish Juniper*. Similar to *Hibernica*, but grows shorter, more dwarf and more oval in shape than columnar. Silvery gray-green. Each 10 100

2 to 2½ ft. . . . .	\$3 50	\$32 50	
18 to 24 in. . . . .	3 00	27 50	\$250 00
15 to 18 in. . . . .	2 50	22 50	200 00

*J. communis suecica*. *Swedish Juniper*. (Mm.) Very similar to the *Irish Juniper*, but harder, and its branches droop slightly. Each 10

4 to 5 ft. . . . .	\$7 50	\$70 00
3 to 4 ft. . . . .	5 50	50 00
2½ to 3 ft. . . . .	4 50	40 00
2 to 2½ ft. . . . .	3 50	33 00

*J. excelsa stricta*. *Spiny Greek Juniper*. Very ornamental, narrow, dense tree of erect growth, with gray-green foliage. Each 10

2 to 2½ ft. . . . .	\$5 00	\$45 00
18 to 24 in. . . . .	4 00	36 00

†*J. horizontalis*. *Creeping Juniper*. A splendid plant for banks, rocky slopes, and rock gardens, making a broad, dense mat on the ground. A most desirable ground cover on rocky or sandy slopes. Very popular. Each 10

2 to 2½ ft. . . . .	\$5 50	\$52 00
18 to 24 in. . . . .	4 50	42 00

*J. horizontalis douglasi*. *Waukegan Juniper*. A distinctive prostrate type having long, low leaf-panicles of steel-blue. Its usual purple hue in winter renders it particularly desirable. Each 10

2½ to 3 ft. . . . .	\$6 00	\$55 00
2 to 2½ ft. . . . .	5 00	45 00

*J. japonica*. *Japanese Juniper*. Low and shrubby, with bending branches and needle-like leaves. Very decorative and hardy. Each 10

18 to 24 in. . . . .	\$5 50	\$50 00
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†*J. sabina*. *Savin Juniper*. (VDs.) A half-erect plant, eventually becoming 6 to 8 feet high. Good for rock work. Each 10 100

2½ to 3 ft. . . . .	\$6 00	\$55 00	\$480 00
2 to 2½ ft. . . . .	5 00	45 00	375 00
18 to 24 in. . . . .	4 00	36 00	300 00
15 to 18 in. . . . .	3 00	27 00	225 00

*Juniperus sabina tamariscifolia*. *Tamarix Savin*. (VDs.) A low, dense, trailing plant of very neat habit, clothed with bright, gray-green foliage. Excellent on banks or rockwork. Each 10

18 to 24 in. . . . .	\$5 50	\$52 00
15 to 18 in. . . . .	4 00	36 00

†*J. virginiana*. *Red Cedar*. (Mm.) A native tree, common in New England, which should be more generally planted. It is of pyramidal shape, with bright, rich green foliage. Each 10 100

5 to 6 ft. . . . .	\$9 00	\$85 00	\$800 00
4 to 5 ft. . . . .	6 50	60 00	570 00
3 to 4 ft. . . . .	4 50	42 00	400 00

†*J. virginiana glauca*. *Silver Red Cedar*. (Mm.) One of the handsomest forms of the hardy Red Cedar, which is a little denser in habit than the common Red Cedar and has silvery gray foliage which keeps its color all year. Each 10

3 ft. . . . .	\$8 00	\$75 00
2½ ft. . . . .	6 00	55 00

†*J. virginiana schottii*. *Schott's Red Cedar*. Differs from the Red Cedar mainly in its lighter gold-green color and more feathery texture. A dense narrow pyramid which stands shearing well and retains its color throughout the winter season. Each 10

3 to 4 ft. . . . .	\$7 50	\$70 00
2 to 3 ft. . . . .	5 00	48 00

†*J. virginialis*. *Dwarf Chinese Juniper*. A dwarf, very hardy Chinese Juniper with rich green foliage which keeps bright and fresh all season, making clean, fresh ornamental specimens for formal or informal use in the garden or in tubs. Each 10

18 to 24 in. . . . .	\$7 50	\$70 00
15 to 18 in. . . . .	5 00	48 00



*Juniperus communis hibernica nana* (Dwarf Irish Juniper)





*Juniperus sabina tamariscifolia.* See page 7

## PICEA • Spruce

The beautiful spires of the Spruces are most effective in landscape and garden planting. They are similar to the firs but vary in several minor points of botany, and can be used for similar purposes, making splendid avenue effects, magnificent groups, and growing rapidly into efficient windbreaks.

†*Picea canadensis*. **White Spruce.** (Lm.) One of the best North American conifers. It is a compact and upright tree of great longevity, with light, silvery green foliage. Makes a handsome specimen and is splendid for windbreaks, screen-planting, and large hedges. Any kind of soil suits it, and it will endure much clipping and pruning.

	Each	10	100
3 to 4 ft. . . . .	\$5 50	\$50 00	\$450 00
2½ to 3 ft. . . . .	3 75	35 00	300 00
2 to 2½ ft. . . . .	3 00	27 00	240 00

†*P. excelsa*. **Norway Spruce.** (Lr.) A hardy, rapid-growing evergreen that adapts itself to almost any soil. Dense, dark green foliage. Very satisfactory for windbreaks and hedges. Plant small sizes 2½ feet apart for a dense hedge.

	Each	10	100
5 to 6 ft. . . . .	\$7 00	\$65 00	\$620 00
4 to 5 ft. . . . .	5 50	50 00	480 00
3 to 4 ft. . . . .	4 00	36 00	330 00
2 to 3 ft. . . . .	2 50	22 50	200 00

*P. glauca conica*. **Dwarf Alberta Spruce.** An excellent dwarf evergreen with dense, very fine foliage, perfect, conical form, and exceedingly slow growth, making it excellent for permanent low plantings and even rock gardens.

	Each	10	100
2½ to 3 ft. . . . .	\$10 00	\$95 00	
2 to 2½ ft. . . . .	8 00	75 00	\$700 00
21 to 24 in. . . . .	6 00	55 00	500 00
18 to 21 in. . . . .	5 00	45 00	400 00
15 to 18 in. . . . .	4 00	36 00	330 00

†*P. pungens*. **Colorado Spruce.** (Ls.) A slow-growing, hardy conifer of symmetrical habit, which is

admirably adapted to seashore planting. A very beautiful evergreen.

	Each	10	100
3 to 3½ ft. . . . .	\$8 00	\$75 00	
2½ to 3 ft. . . . .	6 00	55 00	\$500 00
2 to 2½ ft. . . . .	4 50	40 00	360 00
18 to 24 in. . . . .	3 50	33 00	300 00

†*P. pungens glauca*. **Colorado Blue Spruce.** A tree of similar habit with distinct, gray-blue foliage. These are beautiful trees, with dense foliage of marvelous velvety texture, at times rivaling the rich beauty of *Koster's Blue Spruce*.

	Each	10	100
3 to 3½ ft. . . . .	\$12 50	\$120 00	
2½ to 3 ft. . . . .	10 00	95 00	\$900 00
2 to 2½ ft. . . . .	8 00	75 00	700 00
18 to 24 in. . . . .	6 00	55 00	500 00

†*P. pungens kosteri*. **Koster's Blue Spruce.** (Lm.) In a general way much like the preceding but uniformly deep silvery blue. Compact, very symmetrical, and considered by many people the most desirable of all fancy-colored evergreens.

	Each	10	100
4 to 4½ ft. . . . .	\$30 00		\$300 00
3½ to 4 ft. . . . .			25 00
3 to 3½ ft. . . . .			20 00
2½ to 3 ft. . . . .			16 00

†*P. rubra*. **Red Spruce.** (Lm.) Handsome, tall, slender tree with glossy dark green foliage and attractive reddish cones. Likes cool, moist places, and is very hardy.

	Each	10	100
3 to 4 ft. . . . .	\$3 00	\$27 00	\$240 00
2½ to 3 ft. . . . .	2 50	22 50	200 00
2 to 2½ ft. . . . .	2 00	18 00	150 00





Old New England Patriarchs. White Pines on the Hunnewell Estate

PINUS . Pine

Perhaps the best-known and most popular of all the evergreens, these noble trees are adaptable to many purposes. They are unusually symmetrical in their earlier years and develop a rugged strength with age that is comparable only to that of the oaks.

**Pinus densiflora. Japanese Red Pine.** A large, roughly conical tree with fairly open habit of growth. The needles are slender and brilliant green. This evergreen is a fast-growing type and quickly reaches impressive size.

	Each	10	100
5 to 6 ft. . . . .	\$9 00	\$80 00	\$720 00
4 to 5 ft. . . . .	7 00	65 00	600 00
3 to 4 ft. . . . .	5 00	45 00	

**†P. montana. Swiss Mountain Pine.** A comparatively low-growing evergreen with dull green needles. Splendid for accent, foundation planting, and rock-garden use.

	Each	10
18 to 24 in. . . . .	\$3 50	\$33 00

**†P. montana mughus. Mugbo Pine. (Ds.)** Very valuable where a low, dense evergreen growth is desired. Foliage deep green. Very hardy. A most useful shrub for lawn decoration, for rockwork, or covering hillsides. It grows broader than tall.

Prices of Pinus montana mughus	Each	10	100
2 to 2½ ft. . . . .	\$7 50	\$70 00	\$650 00
18 to 24 in. . . . .	4 00	36 00	330 00
15 to 18 in. . . . .	3 50	30 00	270 00

**†P. nigra. Austrian Pine. (Lr.)** A tree of considerable size, with bold, long, dark green foliage. A vigorous, rugged grower, thriving in ordinary soil, in more or less unfavorable situations, and by the seashore. Probably no evergreen will withstand so much exposure as the Austrian Pine.

	Each	10
3 to 4 ft. . . . .	\$6 50	\$60 00
2 to 3 ft. . . . .	4 50	42 00

**P. resinosa. Red Pine. (Lr.)** This useful and attractive evergreen is a rapid-growing, tall, fairly spreading tree. Its picturesque character and lustrous green color make it equally desirable for ornament, in groups, and as a windbreak.

	Each	10	100
3 to 4 ft. . . . .	\$5 00	\$45 00	
2 to 3 ft. . . . .	3 00	27 00	\$240 00





*Pinus montana mughus.* See page 9

***Pinus flexilis. Limber Pine.* (Ms.)** Rather stiff, open tree when young but makes a broad-topped specimen, with long, dark green foliage.

	Each	10	
7 to 8 ft. . . . .	\$20 00	\$180 00	
6 to 7 ft. . . . .	15 00	140 00	

***P. strobus. White Pine.* (Lr.)** Soft, light silvery green foliage. Highly ornamental when planted singly or in groups.

	Each	10	100
4 to 5 ft. . . . .	\$6 00	\$55 00	
3 to 4 ft. . . . .	4 00	36 00	\$330 00
2 to 3 ft. . . . .	3 00	27 00	240 00

**†*P. sylvestris. Scotch Pine.* (Lr.)** Desirable for its very rapid growth and adaptability to most soils. It has an uneven, shaggy, and picturesque habit of growth with silvery foliage.

	Each	10	100
4 to 5 ft. . . . .	\$5 50	\$50 00	
3 to 4 ft. . . . .	3 50	33 00	\$300 00
2 to 3 ft. . . . .	2 50	22 50	200 00

## **PSEUDOTSUGA . Douglas Fir**

This is a very small family of trees which seems to combine the characteristics of both the spruces and hemlocks. We list only one kind, which is highly desirable and popular for specimen use and woodland planting in all parts of the country.

***Pseudotsuga douglasii. Douglas Fir.* (Lr.)** A magnificent tree, growing to great height and of majestic appearance when mature. Beautiful in shape and texture when small. Dark bluish green foliage. It grows rapidly and is healthy. Deserves a place on every estate and is greatly admired.

	Each	10	100
5 to 6 ft. . . . .	\$11 00	\$105 00	
4 to 5 ft. . . . .	8 50	80 00	
3 to 4 ft. . . . .	6 00	55 00	\$500 00



*Pinus sylvestris*





Yews effectively used to dignify the entrance to this home. They will become handsomer and more admired every year

TAXUS . Yew

The Yews are famous trees, never very large, but they attain great nobility and dignity, living almost forever. Their dark green, almost black foliage is supremely beautiful, and their bright red berries are a unique feature of evergreen trees. Yews are admirably adapted to hedges or as specimens, and if you like that sort of thing, they may be sheared into very formal shapes. The Yew trees and Yew walks of England have been famous for ages.

**Taxus baccata aurea. Golden English Yew.** The new foliage is rich golden yellow in June, gradually darkening until in the autumn and winter it is a rich vivid green. We highly recommend it as a beautiful dignified permanent tree and of somewhat hardier nature than the original English Yew *T. baccata*, withstanding New England winters with impunity.

	Each	10
15 to 18 in. . . . .	\$3 50	\$32 50
12 to 15 in. . . . .	3 00	27 00

**Taxus baccata repandens. Spreading English Yew. (Ds.)** Of a graceful, spreading form. Unchanging foliage of a beautiful shade of dull bluish green. Very hardy and desirable for all purposes for which evergreens may be used. Especially useful in large rock gardens and for low masses or mounds on banks or in open lawns.

	Each	10
18 to 24 in. . . . .	\$7 00	\$65 00
15 to 18 in. . . . .	5 00	48 00



Taxus cuspidata nana. See page 12





*Taxus canadensis stricta* (Dwarf Hedge Yew)

***Taxus canadensis.* Canada Yew. (Dv.)** A prostrate evergreen with wide-spreading, slender branches, occasionally reaching a height of 6 feet. Dark green foliage and showy, deep crimson berries. This is a hardy native Yew which thrives in partial shade and in fairly moist locations.

	Each	10
18 to 24 in. . . . .	\$3 50	\$33 00
15 to 18 in. . . . .	3 00	27 00

***T. canadensis stricta.* Dwarf Hedge Yew. (VS.)** The only satisfactory evergreen for dwarf edging hedges in severe New England climate. The best substitute for dwarf boxwood. Hardy, really dwarf, of fine texture, dark, easily grown, shears perfectly, thoroughly tested for past fourteen years. Also excellent for use in general plantings of dwarf evergreens, keeping its compact habit for many years.

	Each	10	100
12 to 15 in. . . . .	\$3 00	\$27 00	
10 to 12 in. . . . .	2 00	18 00	\$150 00
8 to 10 in. (not B&B) . . .	1 50	12 00	90 00
6 to 8 in. (not B&B) . . .	1 00	8 50	75 00

**†*T. cuspidata.* Japanese Yew. (Sm.)** A compact, spreading variety with attractive, dark green foliage. Valuable for many locations and is perfectly hardy. It makes attractive, open-topped shrubs or bush-like trees handsome at all seasons, but especially in spring, when its black-green winter foliage is covered with tassels of brilliant yellow-green new growth. In early autumn it sparkles with its myriad bright rose-red fruits.

	Each	10	100
2½ to 3 ft. . . . .	\$12 00	\$115 00	
2 to 2½ ft. . . . .	7 50	70 00	\$650 00
18 to 24 in. . . . .	5 00	45 00	400 00
15 to 18 in. . . . .	3 75	35 00	300 00

**†*T. cuspidata capitata.* Upright Japanese Yew. (Sm.)** This is the upright-growing or pyramidal form of the Japanese Yew. It is rather open in growth, with rich, dark green foliage, almost black, and exquisitely beautiful when covered with yellow-

green tips of new growth in the spring. It makes a wonderful hedge, and may be used in massing with other evergreens or as a specimen to good effect. It is one of the most desirable evergreens for any purpose and it should be planted liberally.

	Each	10	100
3 to 3½ ft. . . . .	\$15 00		
2½ to 3 ft. . . . .	10 00	\$95 00	\$900 00
2 to 2½ ft. . . . .	8 00	75 00	700 00
18 to 24 in. . . . .	6 00	57 00	550 00
15 to 18 in. . . . .	4 00	38 00	350 00

**†*T. cuspidata nana.* Dwarf Japanese Yew. (Ds.)** A form of the above with short, dark green foliage which is unchanging throughout the year. A very hardy, dwarf hedge plant of unsurpassed beauty and permanence. It withstands clipping well, and will thrive in unfavorable locations where other evergreens perish. For sheer beauty of color, texture, and form, as well as health and longevity, it is one of the most useful and valuable ornamental trees in cultivation. We can furnish these in either spreading or upright, compact type. Kindly state preference.

	Each	10	100
18 to 21 in. . . . .	\$8 00	\$75 00	
15 to 18 in. . . . .	5 00	45 00	
12 to 15 in. . . . .	4 00	36 00	\$330 00

***T. cuspidata sieboldi.* Siebold's Japanese Yew.** Spreading bush form with glossy needles, longer than those of other Yews. An exceptionally hardy plant and most decorative.

	Each	10
2 to 2½ ft. . . . .	\$8 50	\$80 00
18 to 24 in. . . . .	5 50	50 00

***T. media.* Hybrid Yew.** Spreading Type. Similar to *T. cuspidata* but more rapid-growing. Color darker, heavily foliaged, needles more or less radically arranged. Has a beautiful soft appearance. Perfectly hardy.

	Each	10
3 to 3½ ft. . . . .	\$35 00	\$330 00
2½ to 3 ft. . . . .	20 00	190 00
2 to 2½ ft. . . . .	12 00	115 00



THUJA • Arborvitae

These are slender, rather formal trees much used in landscape and decorative work. There are many fine dwarf forms, for tub or specimen use, and they may be kept any shape or height desired for many years, as they endure shearing and pruning well.

†*Thuja occidentalis*. *American Arborvitae*. (Mr.) The common, upright, flat-leaved evergreen so commonly used as single specimens and for hedges and windbreaks everywhere. May be kept at any height by shearing. It thrives on moist as well as dry land and endures city conditions.

	Each	10	100
7 to 8 ft. . . . .	\$12 00	\$115 00	\$1100 00
6 to 7 ft. . . . .	10 00	95 00	900 00
5 to 6 ft. . . . .	7 50	70 00	650 00
4 to 5 ft. . . . .	5 50	50 00	450 00
3 to 4 ft. . . . .	4 00	35 00	300 00
2 to 3 ft. . . . .	2 50	21 00	160 00

†*T. occidentalis columnaris*. *Columnar Arborvitae*. This new variety has the soft texture of *T. occidentalis*. For this reason, and on account of its dense, columnar habit, it is one of the most desirable tall-growing narrow evergreens giving a sharp accent and picturesque effect.

	Each	10	100
7 to 8 ft. . . . .	\$15 00	\$145 00	\$1400 00
6 to 7 ft. . . . .	12 00	115 00	1100 00
5 to 6 ft. . . . .	10 00	95 00	900 00
4½ to 5 ft. . . . .	8 00	75 00	700 00
4 to 4½ ft. . . . .	7 00	65 00	600 00
3½ to 4 ft. . . . .	6 00	55 00	500 00

*T. occidentalis compacta*. *Parsons Arborvitae*. A dwarf, ball-shaped form of the above, with light green foliage.

	Each	10	100
2 to 2½ ft. . . . .	\$4 00	\$36 00	
18 to 24 in. . . . .	3 50	30 00	\$270 00

*T. occidentalis conica*. *Cone-shaped Arborvitae*. The disposition of fine needles on this distinctive evergreen gives it a perfect conical shape. It is a tree which requires little trimming.

	Each	10
4½ to 5 ft. . . . .	\$8 00	\$75 00
4 to 4½ ft. . . . .	7 00	65 00
3½ to 4 ft. . . . .	6 00	55 00



Thuja occidentalis hoveyi

†*Thuja occidentalis hoveyi*. *Hovey Arborvitae*. (Ds.) A low, globular form, with bright foliage of golden tinge. Splendid for formal plantings and for low accent points. The colored foliage is an added charm in mixed plantings. It is quite hardy but not so dwarf as *T. occidentalis globosa*.

	Each	10	100
3 to 3½ ft. . . . .	\$4 50	\$40 00	
2½ to 3 ft. . . . .	3 50	30 00	
2 to 2½ ft. . . . .	2 75	25 00	\$225 00
18 to 24 in. . . . .	2 50	22 50	200 00



Taxus cuspidata capitata. See page 12



†*Thuja occidentalis douglasi pyramidalis*. *Douglas Pyramidal Arborvitae*. (Mm.) A slender, pyramidal variety of symmetrical outline, with dark fern-like foliage.

	Each	10
6 to 7 ft. . . . .	\$14 00	\$130 00
5 to 6 ft. . . . .	10 00	90 00
4 to 5 ft. . . . .	7 00	65 00
3 to 4 ft. . . . .	5 00	48 00

*T. occidentalis ellwangeriana*. *Tom Thumb Arborvitae*. (Sm.) Low, broad, compact variety with dense foliage. This is a plant of dwarf and very graceful habit.

	Each	10
3 to 4 ft. . . . .	\$5 50	\$52 00
2½ to 3 ft. . . . .	4 50	42 00
2 to 2½ ft. . . . .	4 00	35 00
18 to 24 in. . . . .	3 00	27 00

*T. occidentalis globosa*. *Globe Arborvitae*. (VDs.) A low, slow-growing, dense, globe-shaped variety that is useful for border planting and very satisfactory for low-growing hedges. Very hardy and especially ornamental.

	Each	10	100
2 to 2½ ft. . . . .	\$4 00	\$35 00	
18 to 24 in. . . . .	3 00	27 00	
15 to 18 in. . . . .	2 50	22 50	\$200 00

*T. occidentalis lutea*. *George Peabody Arborvitae*. The striking golden yellow hue of the plant is contrasted splendidly against the grays and greens of other evergreens.

	Each	10
5 to 6 ft. . . . .	\$9 00	\$85 00
4 to 5 ft. . . . .	7 00	65 00



*Thuja occidentalis pyramidalis*

*Thuja occidentalis pumila*. *Green Globe Arborvitae*. (VDs.) A very dense, compact form with dark green foliage.

	Each	10
2 to 2½ ft. . . . .	\$5 00	\$45 00
18 to 24 in. . . . .	3 00	28 00

†*T. occidentalis pyramidalis*. *American Pyramidal Arborvitae*. (Mr.) A very densely branched variety of most distinct columnar growth, with rich, dark glossy green foliage that does not change appreciably in color during the winter months. This is one of the very best Arborvitaes, and is very satisfactory for hedges of medium height, for foundation plantings, and for use in tubs. We recommend it very highly for rough usage.

	Each	10	100
6 to 7 ft. . . . .	\$12 00	\$115 00	\$1100 00
5 to 6 ft. . . . .	10 00	95 00	900 00
4½ to 5 ft. . . . .	8 00	75 00	700 00
4 to 4½ ft. . . . .	7 00	65 00	600 00
3½ to 4 ft. . . . .	6 00	55 00	500 00
3 to 3½ ft. . . . .	5 00	45 00	420 00

*T. occidentalis reidi*. *Reid's Arborvitae*. A low, bushy form, with dark green foliage. Good for use in the foreground of evergreen plantings where a good edge is needed.

	Each	10	100
2 to 2½ ft. . . . .	\$5 50	\$52 00	
18 to 24 in. . . . .	4 50	42 00	
15 to 18 in. . . . .	3 00	27 00	\$250 00

*T. occidentalis rosenhali*. *Rosenhals's Arborvitae*. An erect, columnar, compact tree with dark green, lustrous foliage. Useful for formal plantings or specimens.

	Each	10
3 to 3½ ft. . . . .	\$7 00	\$66 00
2½ to 3 ft. . . . .	6 00	57 00

†*T. occidentalis vervaeneana*. *Vervaeene Arborvitae*. (Sm.) A very choice variety of dense habit, with green foliage. One of the largest and hardiest of all the Arborvitaes, and is particularly good for screens and tall hedges.

	Each	10	100
5 to 6 ft. . . . .	\$10 00	\$95 00	
4 to 5 ft. . . . .	8 00	76 00	
3 to 4 ft. . . . .	6 00	57 00	\$540 00
2 to 3 ft. . . . .	4 00	36 00	350 00

†*T. occidentalis vervaeneana aurea*. *Golden Vervaeene Arborvitae*. A variety of the above with foliage a light golden tinge of green. Very distinct in color.

	Each	10	100
5 to 6 ft. . . . .	\$9 50	\$90 00	
4 to 5 ft. . . . .	7 50	70 00	
3 to 4 ft. . . . .	5 50	50 00	\$450 00
2 to 3 ft. . . . .	3 50	30 00	270 00

*T. occidentalis wagneri*. *Wagner Arborvitae*. This dwarf evergreen is considered a cross between *T. occidentalis* and *T. orientalis*. It is globe-shaped, with delicate, lacy dark green foliage.

	Each	10
2 to 2½ ft. . . . .	\$4 00	\$36 00
18 to 24 in. . . . .	3 00	27 00

†*T. occidentalis wareana*. *Ware Arborvitae*. (Mv.) A very hardy variety with dark steel-gray-green foliage which retains its color all winter. It forms a broad, dense bush, and, like all other Arborvitaes, it is valuable for foundation planting. It also makes a desirable broad hedge of medium height which withstands hard shearing. A most satisfactory variety.

	Each	10	100
3 to 3½ ft. . . . .	\$6 00	\$55 00	\$500 00
2½ to 3 ft. . . . .	4 50	40 00	360 00
2 to 2½ ft. . . . .	3 50	30 00	270 00
18 to 24 in. . . . .	3 00	27 00	240 00



**Thuja occidentalis woodwardi.** *Woodward Arborvitae.* A perfect globe type which requires no shearing.

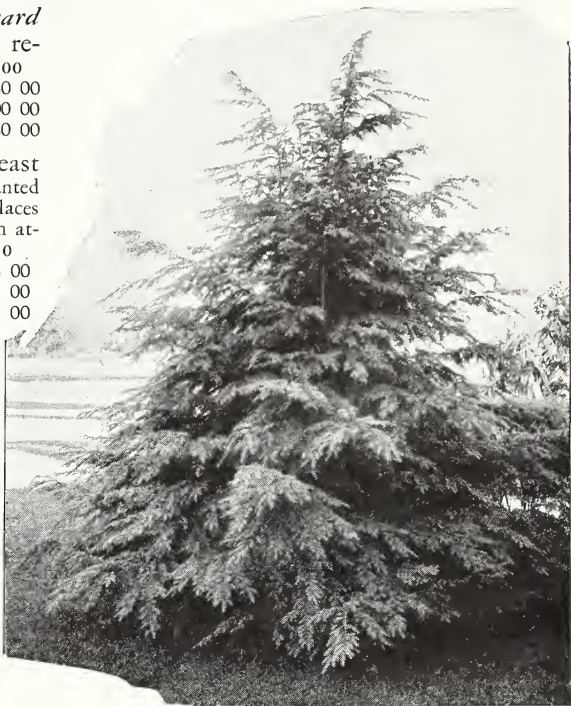
	Each	10	100
2 to 2½ ft. . . . .	\$3 50	\$30 00	\$250 00
18 to 24 in. . . . .	2 50	22 50	200 00
15 to 18 in. . . . .	2 00	17 50	150 00

**T. orientalis.** *Oriental Arborvitae.* The least hardy of all the Arborvitaes, and should not be planted north of Boston, but will do well in protected places south of there. The foliage is very short and of an attractive green during the summer months.

	Each	10
5 to 6 ft. . . . .	\$6 00	\$55 00
4 to 5 ft. . . . .	5 00	45 00
3½ to 4 ft. . . . .	4 00	35 00

**TSUGA . Hemlock**

No doubt the Hemlock is the most graceful and the best-loved of our native evergreens. One or a group of them, bending under the winter snow, is a picture never to be forgotten. They grow rapidly and in their early years are amenable to clipping and training, forming dense hedges or formal shapes. As they attain age, they form lofty, dignified trees of a magnificence equaled by few things in the world. The Hemlocks are one of the peculiar treasures native to New England.



Tsuga canadensis (Common Hemlock)

**Tsuga canadensis.** *Common Hemlock.* (Lr.) No evergreen in our large collection is more lovely than the Hemlock. Its graceful branches sway with every breeze, making a charming picture whether planted singly or in a group. The Hemlock is the finest North American evergreen, and is always a source of joy and satisfaction to those who are wise enough to plant it freely. It makes a broadly pyramidal, medium-sized tree of dense growth, with rich green foliage and more or less drooping branches, giving a particularly graceful effect to the whole. It is excellent as a single lawn tree, for foundation planting when it is young, or for hedge purposes. Beautiful soft green the year round. Will not thrive in particularly bleak situations or near the salt water. We cut back our Hemlocks so that all the plants we offer are bushy and compact and ready to grow and thrive when transplanted.

	Each	10	100
7 to 8 ft. . . . .	\$22 00	\$210 00	
6 to 7 ft. . . . .	18 00	175 00	\$1700 00
5 to 6 ft. . . . .	14 00	135 00	1300 00

Prices of Tsuga canadensis, con.

	Each	10	100
4 to 5 ft. . . . .	\$10 00	\$95 00	\$900 00
3½ to 4 ft. . . . .	8 00	75 00	700 00
3 to 3½ ft. . . . .	6 00	55 00	500 00
2½ to 3 ft. . . . .	4 50	42 00	390 00
2 to 2½ ft. . . . .	3 50	33 00	300 00

**T. caroliniana.** *Carolina Hemlock.* An attractive tree with dark green foliage and pendulous branches. A trifle more open and thin in growth and habit than the Common Hemlock.

	Each	10
4 to 5 ft. . . . .	\$12 00	\$115 00
3½ to 4 ft. . . . .	9 00	85 00
3 to 3½ ft. . . . .	6 50	60 00
2½ to 3 ft. . . . .	5 50	50 00

**T. diversifolia.** *Japanese Hemlock.* This variety has shorter foliage than the Canada or Common Hemlock, and is very dwarf. It makes a dense mass of foliage and is a very desirable evergreen.

	Each	10
18 to 24 in. . . . .	\$5 00	\$48 00

*Planting Suggestions*

All our evergreens are shipped with the roots in a ball of earth securely wrapped in burlap. It is important not to let this ball of earth become dry. When planting, be sure to dig a hole large and deep enough to receive ball without breaking or forcing. Remove the burlap before filling in with good soil. If the ground is dry, the hole should be partly filled with well-trodden earth and then filled with water. When the water has soaked in, put in more earth and more water, repeating the process until completed. If a slight depression is left about the base of the plant, it will help in future watering.

All newly planted evergreens should be made as firm as possible, that is, do not hesitate to tread the soil on the surface of the ground or to tamp it with a stick until it is very firm. Planted in this way, the plant is well anchored and not likely to be loosened by strong winds or heaved out by frost.





Evergreen Shrubs and Rhododendrons at blooming time on the estate of C. O. Dexter, Sandwich, Mass.

## EVERGREEN SHRUBS

A GROUP of both small and large shrubs, with firm, hard leaves which are retained over winter. Most of them bloom beautifully, and some of them, the Rhododendrons and Kalmias, are most showy, while others, Daphne, for example, are deliciously fragrant. Here, too, belong the charming evergreen Barberries whose beauty is just beginning to be appreciated, the Heathers, the Heaths, and a host of other delightful and more or less rare plants, many of which make splendid backgrounds for lawns, borders in front of trees, and larger shrubs. The dwarf species are ideal specimens for rock gardens, giving the winter beauty of dense foliage among the bare stones. Among them are carpeting plants like Pachysandra, and clinging, creeping vines like English Ivy suitable for covering banks, and bare, shady places.

### ARCTOSTAPHYLOS

**Arctostaphylos uva-ursi.** *Bearberry.* A low, gray, carpeting shrub like a creeping vine. Rather large, showy scarlet berries. Fine ground-cover for sandy, sour soils in sun or shade.

	Each	10	100
3-yr. plants from 2½-in. pots	\$0 75	\$6 00	\$55 00

### BERBERIS . Barberry

**Berberis julianae.** *Wintergreen Barberry.* An erect plant of open habit, very different from the following. The willow-like leaves are larger, lighter green, and are sharply toothed and spined. The new shoots are soft, downy green, tinged with ruddy brown and bronze, which gives the growing plant a handsome color effect. It can be trimmed to make a dense bush of most attractive habit, and harmonizes well with rhododendrons, kalmias, and such other evergreen shrubs. We think it is a gem.

	Each	10
12 to 15 in. . . . .	\$1 60	\$15 00

**B. verruculosa.** *Warty Barberry.* The Holly-like Barberry would be a much better name for this charming dwarf plant, with curled, spined leaves of richest glossy green above but silvery white on the under-

sides. The flowers are yellow and fragrant and make a most delightful picture nestled among the dark foliage in spring. It likes a sheltered spot, growing beautifully in shade or sun, and can be used to advantage as a low hedge or edging to taller shrubs. We know of no more beautiful little shrub than this, and suggest that it be tried in shady spots in the rock garden or in any other situation where its year-round beauty can be enjoyed.

	Each	10
6 to 9 in. . . . .	\$1 50	\$13 50

### BUXUS

**Buxus sempervirens.** *Common Box.* The famous, long-lived "Box Tree" making fairly rapid growth but always compact, dark and lovely. In the fullness of time it makes bushes several feet through and as much high. Our plants are of the hardy type.

	Each	10	100
18 to 24 in. . . . .	\$2 25	\$20 00	\$180 00
15 to 18 in. . . . .	1 50	14 00	125 00

**B. sempervirens suffruticosa.** *True Dwarf Box.* A well-known dwarf edging plant, often used for bordering flower-beds.

	Each	10	100
6 to 8 in. . . . .	\$0 50	\$4 50	\$40 00



Heather and Heath

These handsome, small shrubs are of the easiest possible culture, well adapted to borders of evergreen shrubberies and for dry slopes and sandy banks; also growing well in ordinary soils. The varieties named herewith are hardy and bloom continuously from July to September. They are particularly desirable for rockeries, and although they prefer a sunny location, they also grow in swamps and in partial shade. The cut branches last in good condition for many weeks.

CALLUNA . Heather

**Calluna vulgaris. Heather.** 15 in. A low, bushy shrub, with tiny clustered leaves and slender, erect spikes of small pink flowers, which are borne profusely in late summer. Extremely pretty and quite unusual in this country, although not difficult to grow in a fairly moist situation.

	Each	10
8 to 10 in. . . . .	\$0 90	\$8 00
6 to 8 in. . . . .	75	6 00

**C. vulgaris alba. White Heather.** 15 in. Exactly like the preceding, except its flowers are white, and makes a charming combination with it either planted or cut. Prices same as *Calluna vulgaris*.

**C. vulgaris alba elata. Tall White Heather.** 15 in. Like the White Heather but taller and not so compact. Prices same as *Calluna vulgaris*.

**C. vulgaris alporti. Alport Heather.** 15 in. Of more vigorous growth than the common Heather and the flowers are rosy carmine. One of the best-liked varieties.

6 to 8 in. . . . .	Each	10
	\$0 75	\$6 00

**C. vulgaris aurea. Golden Heather.** 15 in. Similar to the common Heather in habit, but its golden tinged foliage makes a lovely contrast with other varieties and in borders.

6 in. . . . .	Each	10
	\$0 75	\$6 00

**C. vulgaris hammondi. Hammond's Heather.** 15 in. A fine type of Pink-flowering Heather, which we think is more desirable in habit and profusion of bloom than the common *C. vulgaris*.

6 to 8 in. . . . .	Each	10
	\$0 75	\$6 00

**C. vulgaris nana. Moss Heather.** 15 in. A new sort which makes a small tuft or compact clump. The mossy foliage is dark green and most attractive. Towards autumn it assumes ruddy and golden tint of great charm. The flowers are jewel-like and small, and while not showy have a dainty fastidious appearance which adds much to its beauty. The picture on this page shows how it snuggles into the crevices of the rock garden, making an ideal foil for miniature narcissus and similar bulbous flowers.

Clumps, 6 to 8 in. . . . .	Each	10
4 to 6 in. . . . .	\$0 90	\$8 00
	75	7 00

**C. vulgaris rubra elata. Upright Heather.** 15 in. This is a tall, spreading sort, with deep rosy crimson flowers. A good companion for the Tall White Heather and as a background for the lower-growing varieties.

8 to 10 in. . . . .	Each	10
6 to 8 in. . . . .	\$0 90	\$8 00
	75	6 00



Moss Heather nestling against the rocks

ERICA . Heath

**Erica carnea. Spring Heath.** Leaves are needle-like, gray-green, forming a tiny bushlet covered with minute, rosy pink, bell-shaped flowers in April and May. Height 6 inches. Requires well-drained, acid soil and is especially lovely in the rock garden.

4 to 6 in. . . . .	Each	10
	\$0 75	\$6 00

**E. stricta. Corsican Heath.** Bushy little tufts of dull green, spiny foliage, with tiny purple, bell-shaped flowers from July to September. Charming in the rockery nestled against a sheltering stone.

4 to 6 in. . . . .	Each	10
	\$0 75	\$6 00

**E. Tetralix. Cross-leafed Heath.** A low, dense bush with grayish green foliage delicately fringed with silvery hairs. The pretty pink flowers are produced at the tips of the branches in summer.

6 to 8 in. . . . .	Each	10
	\$0 75	\$6 00

**E. vagans. Cornish Heath.** Erect, bushy plant about a foot high, but may get larger. The purplish red, bell-like flowers are produced in August and September.

4 to 6 in. . . . .	Each	10
	\$0 75	\$6 00

CHAMAEDAPHNE . Leatherleaf

**Chamaedaphne calyculata. Leatherleaf.** Charming, low shrub for rockery or edge of shrub border. Heavy, evergreen leaves and slender, leafy racemes of drooping, wax-white flowers. Enjoys rich soil and plenty of moisture.

15 to 18 in. . . . .	Each	10
12 to 15 in. . . . .	\$1 25	\$11 00
	1 00	9 00

DAPHNE

**Daphne cneorum. Rose Daphne.** 18 in. A dwarf evergreen shrub, which produces a profusion of delightfully fragrant rosy lilac flowers in May and June, and on and off the rest of the summer. It is extremely pretty in rock gardens.

8 to 10 in. . . . .	Each	10
6 to 8-in. spread . . . . .	\$1 50	\$14 00
	1 00	9 00
		\$80 00



### EUONYMUS

This extremely useful family of plants includes evergreen shrubs and woody evergreen vines of the greatest value in all gardens. The shrubby types may be used as specimens or hedges, thus replacing the famous boxwood of milder climates, which is not reliably hardy in exposed New England gardens; and the vines may be used to mantle walls, tree trunks, cliffs and banks with a cloak of glittering green through winter and summer.

We know of no evergreens so hardy and useful for myriad purposes. They may be used as edgings to flower borders and walks, where they can be kept low and dense by constant shearing. The vining type will cling to brick, stone, or plaster, soon covering a wide surface with an enamel-like pattern of indestructible green. Other varieties will make respectable bushes, green and refreshing the whole year round.

**Euonymus radicans. Wintercreeper.** A low, procumbent shrub, having small leaves, dull green above, with whitish veins. It will climb over a wall or up the side of a house.

	Each	10	100
4-yr. . . . .	\$0 90	\$7 50	\$60 00
3-yr. . . . .	75	6 00	45 00

**E. radicans argenteo-marginatus. Silveredge Wintercreeper.** Similar to the preceding, with the leaves silvery at the edges, often becoming pinkish in the fall. Very attractive.

	Each	10
3-yr. . . . .	\$0 75	\$6 00



Euonymus radicans vegetus



Euonymus radicans vegetus growing against a wall

**Euonymus radicans carrierei. Glossy Wintercreeper.** A stronger grower than *E. radicans*, with larger, pointed green leaves. It is half bush and half vine in its habit of growth, and, if given support, makes a very fine covering for a building or a wall, which it will cover rapidly. If planted in a line and occasionally sheared into shape it forms an attractive little hardy evergreen hedge.

	Each	10	100
5-yr. . . . .	\$2 00	\$18 00	
4-yr. . . . .	1 50	12 50	
3-yr. . . . .	1 00	8 00	\$70 00

**E. radicans coloratus. Bronze Wintercreeper.**

A new variety introduced by the Arnold Arboretum, with bright red foliage during the winter months. Good for use as ground-cover, making a most handsome color effect in the winter landscape.

	Each	10	100
5-yr. . . . .	\$1 25	\$11 00	\$90 00
4-yr. . . . .	1 00	9 00	80 00

**E. radicans minimus. Baby Wintercreeper.**

An excellent small-leaved dark evergreen for carpeting the ground or as a rock plant. But is also a handsome wall vine or border plant if kept trimmed to hedge form. Particularly neat in habit and greatly admired for its small glossy foliage.

	Each	10	100
From 4-in. pots . . . . .	\$0 75	\$6 50	\$60 00

**E. radicans vegetus. Bigleaf Wintercreeper.**

A trailing evergreen shrub with round leaves. Produces an abundance of orange-scarlet berries in the fall. Splendid for use as a ground-cover.

	Each	10	100
5-yr. . . . .	\$2 00	\$18 00	\$150 00
4-yr. . . . .	1 50	13 50	120 00
3-yr. . . . .	1 00	8 00	70 00
2-yr. . . . .	75	6 00	48 00





Kalmia latifolia

HEDERA . Ivy

**Hedera helix. English Ivy.** The rich dark green climber so well known in England. The leaves are characteristic. A strong climber which should grow on a sheltered wall.

	Each	10	100
4-in. pots	\$0 75	\$6 50	\$60 00

**H. helix baltica. Hardy English Ivy.** A plant of this sort has been needed for a long time. It is almost the same as the ordinary English Ivy in appearance, with leaves a little smaller, darker, and richer. Much hardier, having survived severe winters at our Framingham Nurseries. While we believe that it will prove absolutely hardy, it may occasionally lose a branch or two in severe winters.

	Each	10	100
From 4-in. pots, 18-in. tops	\$0 90	\$7 50	

**H. helix gracilis. Small-leaved English Ivy.** Smaller foliage densely packed against the stems; very graceful, and will live over winter where the common English Ivy freezes out.

	Each	10	100
From 4-in. pots	\$0 75	\$6 50	\$60 00

ILEX . Holly

**Ilex crenata microphylla. Small-leaved Japanese Holly.** A dense, bushy shrub with tiny evergreen leaves which are as tough as boxwood. The plant can be closely sheared and makes a splendid low hedge or edging for taller plants.

	Each	10	
2 to 2½ ft.	\$6 00	\$55 00	
18 to 24 in.	4 00	36 00	

**I. glabra. Inkberry.** 3 ft. A bushy, upright shrub with dark oval foliage, small flowers, and a profusion of black fruit in the fall. One of the best and hardiest of our native evergreens.

	Each	10	
2-ft. clumps	\$5 00		
18-in. clumps	3 00	\$27 00	
15-in. clumps	2 50	22 00	
12-in. clumps	1 50	14 00	

KALMIA . Laurel

**Kalmia latifolia. Mountain Laurel.** 8 ft. Handsome shrubs of shapely habit, with long, clustered leaves of rich glossy green, defying the coldest winters with cheerful hardihood. In midsummer the whole plant breaks into billows of pinky white bloom, great clusters of small crinkly flowers, dotted with red spots, most curious to examine but delightfully gay and charming in the mass.

The plants are entirely hardy and thrive in partial shade. They like well-drained, sourish soil with a mulch of oak or other hardwood leaves and spread into noble clumps.

Our plants are all nursery-grown, and come to you with roots intact, which insures their immediate prosperity.

If large quantities are desired for extensive landscape development, we shall be pleased to quote prices on collected stock in carload lots.

	Each	10	100
3 to 3½ ft.	\$7 00	\$65 00	
2½ to 3 ft.	5 00	45 00	\$420 00
2 to 2½ ft.	4 00	35 00	330 00
18 to 24 in.	3 00	27 00	240 00

**K. angustifolia. Lambkill.** 18 in. A handsome evergreen plant of moderate size, covered in the spring with purple and crimson flowers. Desirable for border planting or for rockeries.

	Each	
18 to 24 in.	\$2 50	
12 to 18 in.	1 50	

LEIOPHYLLUM

**Leiophyllum buxifolium. Box Sandmyrtle.** 6 in. A pretty little evergreen, suitable for edging. It has tiny leaves and little sprays of pink flowers in spring. A very charming plant which should be grown as a low edging or dividing-line. It wants a sour soil and a sunny, very well-drained site.

	Each	10	
12 to 18 in.	\$1 75	\$16 00	
6 to 8 in.	90	8 00	

**L. buxifolium prostratum. Allegheny Sandmyrtle.** Dense little tuft, with very dark, tiny leaves.

	Each	10	
6 to 8 in.	\$0 90	\$8 00	

LEUCOTHOE

**Leucothoe catesbaei. Drooping Leucothoe.** 4 ft. A choice native evergreen shrub of great beauty. Its foliage is quite as charming as its blossoms, which are creamy white. The leaves are heavy, shining green in summer, and assume a beautiful purplish red tint late in the fall which is retained throughout the winter; branches arching.

	Each	10	
15 to 18 in.	\$2 50	\$22 50	
12 to 15 in.	2 00	18 00	

MAHONIA

**Mahonia aquifolium. Oregon Hollygrape.** Glossy green, holly-like leaves and yellow flowers in May. One of the most attractive and decorative evergreens.

	Each	10	
18 to 24 in.	\$1 50	\$13 50	
15 to 18 in.	1 25	11 00	



### PIERIS . Andromeda

Like the rhododendrons and laurels, the Andromedas are sour-soil plants and thrive in partial shade. They provide charming color-variation in their hairy stems and ruddy winter buds and are very graceful when in flower. We have a fine lot of bushy, well-grown plants of both varieties.

#### *Pieris floribunda. Mountain Andromeda.*

3 ft. White flowers in large panicles, like the lily-of-the-valley. The buds are produced in the fall, and open in early spring, over dense dark masses of evergreen foliage. Plant round, compact, and dwarf, very hardy. Excellent in evergreen foundation planting. There is no finer evergreen shrub than Mountain Andromeda. We urge you to plant one or more because we know you will not be disappointed.

	Each	10	100
2 to 2½-ft. spread . . . .	\$9 00	\$85 00	
18 to 24-in. spread . . . .	6 00	55 00	
15 to 18-in. spread . . . .	4 00	36 00	\$330 00
12 to 15-in. spread . . . .	3 00	27 00	250 00

*P. japonica. Japanese Andromeda.* 3 ft. One of the most beautiful, dwarf, broad-leaved evergreens, with bright green leaves and drooping racemes of waxy white flowers which make a beautiful contrast with the green foliage. The new foliage is most attractively tinged with rich bronzy red. A plant that is distinctly different and of great beauty, which will add dignity and charm to any garden.

	Each	10
2½ to 3 ft. . . . .	\$10 00	
2 to 2½ ft. . . . .	7 00	\$65 00
18 to 24 in. . . . .	5 00	45 00



*Pieris floribunda*



*Pachistima canbyi.* A rare little evergreen of great beauty

### PACHISTIMA

*Pachistima canbyi. Canby Pachistima.* 8 in. A very low evergreen shrub, suitable for edging or rockery, making a dense, dark green carpet of great beauty. Flowers small, dark red. Give it a sour soil and a half-shady place.

	Each	10
Field-grown plants, 6 to 8 in. . . .	\$1 25	\$11 00

### PACHYSANDRA

*Pachysandra terminalis. Japanese Pachysandra.* 10 in. Low-growing evergreen plant with short spikes of white flowers in May and June. A splendid evergreen ground-cover, with attractive dark green leaves which make a rich mat of foliage in shady places where grass will not grow. A good border for beds of evergreens. It shows up especially well in winter when the grass is brown and the trees bare. Plant it thick, and thin out later if necessary.

	Three	10	100
Field-grown plants . . . . .	\$1 05	\$2 50	\$18 00
From 3-in. pots . . . . .	90	2 20	15 00

### VINCA . Myrtle

*Vinca minor. Common Periwinkle.* A handsome evergreen ground-cover with showy bright blue flowers borne freely in early spring and at intervals throughout the summer and autumn. It is perfectly hardy and does splendidly under trees or in shady nooks where few plants will thrive.

	Three	10	100
Pot- or field-grown plants . . . .	\$0 75	\$2 20	\$15 00

*V. minor alba. White Periwinkle.* White-flowering form of preceding.

	Each	10	100
2-yr., pot-grown plants . . . .	\$0 40	\$3 50	\$33 00





Rhododendron maximum in the border planting

## RHODODENDRONS

BEYOND doubt, the handsomest evergreen shrubs. The beautiful, long, glossy leaves remain bright through the dark winter months, and their lovely clusters of flowers in early summer are miracles of delight. They should have thin shade, although they do well in full sunlight, and a north side of a wall or building is especially adapted to them. They do demand plenty of water and soil absolutely free of lime. It will pay well to go to some trouble to make the soil for them decidedly sour. Groups of Rhododendrons dispersed in borders and under trees give untold return in the all-year beauty of their foliage and their lovely flowers in early summer. Blended with kalmias, andromedas, leucothoes, and other evergreen shrubs of varying habit, they provide scenes of diversified beauty and interest unrivaled by any other garden feature.

The American continent is peculiarly rich in these beautiful shrubs, all of which are perfectly at home in our gardens, if their wishes in regard to sourness of soil and partial shade are respected. No hybrids have been raised from the showy tender species which surpass the original beauty of our native varieties, or equal them in vigor and hardiness. They are the most useful of all for general planting, particularly *Rhododendron maximum* which is the largest and showiest of the family.

### HYBRID RHODODENDRON SEEDLINGS

We can supply Hybrid Rhododendrons, as mixed seedlings raised from the finest named varieties, including shades of red, pink, and lavender. Inasmuch as these stocky plants are on their own roots, they are harder and longer-lived than grafted stock—but we cannot guarantee the individual colors.

	Each		Each
2½ to 3 ft., B&B . . . . .	\$10 00	18 to 24 in., B&B . . . . .	\$5 50
2 to 2½ ft., B&B . . . . .	7 50	15 to 18 in., B&B . . . . .	4 50

We can furnish bales of imported granulated peat moss, ideal for mulching Rhododendrons, Azaleas, as well as all other types of acid soil plants, at \$4 each, \$36 for 10.



## NATIVE RHODODENDRONS

Rhododendrons are shipped with their roots in balls of earth wrapped in burlap and should be planted in the manner recommended for evergreens. The mulch is particularly important.

**Rhododendron carolinianum.** *Carolina Rhododendron.* 6 ft. One of the very finest broad-leaved evergreens hardy in Massachusetts. It is four to six feet tall and as much in diameter; has handsome dark green leaves and blooms profusely. The clustered flowers are pale to deep pink, open before the young branches begin to grow and therefore are not hidden by the foliage. This species grows wild on the mountain tops of the southern Appalachians and has proved to be hardy in New England.

	Each	10	100
2½ to 3 ft. . . . .	\$6 00	\$55 00	
2 to 2½ ft. . . . .	4 50	42 00	
18 to 24 in. . . . .	3 50	33 00	\$300 00
15 to 18 in., bushy plants . . . . .	3 00	27 00	250 00

**R. carolinianum album.** *White Carolina Rhododendron.* A delicately chaste white-flowering form of the Carolina Rhododendron. Very charming in itself and especially delightful when used to relieve the pink masses of other Rhododendrons in bloom at the same time. Hardy in Massachusetts if given the usual mulch of leaves and evergreen needles.

	Each	10
4 to 5 ft. . . . .	\$10 00	\$95 00
3 to 4 ft. . . . .	7 50	70 00

**R. minus.** 8 ft. Another native of the southern mountains. Under favorable conditions it makes a straggling shrub 10 feet high with handsome foliage and charming rosy pink flowers spotted yellow-green within. This is one of the very earliest of all to come into bloom and is very beautiful and satisfactory for extensive landscape planting. Occasionally this is listed and described as *R. punctatum*.

	Each	10
2 to 2½ ft. . . . .	\$5 00	\$45 00

**Rhododendron catawbiense.** (Native.) *Catawba Rhododendron.* 6 ft. This is the parent of most of our best hybrids, and is worthy in every way. The flowers, borne profusely in very large, round trusses, come in various shades of lilac-purple the early part of June. It will grow in any soil where there is no lime, and needs no protection.

	Each	10
3 to 3½ ft. . . . .	\$6 50	\$63 00
2½ to 3 ft. . . . .	5 00	48 00
2 to 2½ ft. . . . .	4 00	36 00
18 to 24 in. . . . .	3 50	33 00

**R. maximum.** (Native.) 10 ft. This is the handsome Great Laurel of the mountains. Flowers rosy white to white, produced in late June and July. Foliage very thick, smooth, and twice as large as that of any other sort. Handsome for big bold masses. We can supply this variety in large quantities and our plants are *exceptionally heavy*.

	Each	10	100
4 to 4½ ft. . . . .	\$9 00	\$85 00	
3½ to 4 ft. . . . .	7 50	70 00	
3 to 3½ ft. . . . .	6 50	60 00	
2½ to 3 ft. . . . .	5 00	45 00	\$420 00
2 to 2½ ft. . . . .	4 00	36 00	350 00

Prices for collected stock will be given on request.

**R. smirnovi.** *Smirnow's Rhododendron.* 10 ft. Very hardy species from the Caucasus Mountains in southeastern Europe. Flowers pure pink. Leaves long, narrow, revolute; under side covered with heavy white to pale tan felt.

	Each
18 to 24 in. . . . .	\$9 00
15 to 18 in. . . . .	7 00
12 to 15 in. . . . .	5 00



Flowers of *Rhododendron carolinianum*





## DECIDUOUS TREES

THERE is a vast army of beautiful trees which shed their leaves in autumn. Among them are trees suitable for planting along streets and boundary lines, trees for woodlands and copses, for groves and for specimens, or merely to shade a corner of the back yard. Almost all of them are gorgeous when their leaves turn color in autumn and display an intricate and interesting pattern of bare branches against the winter sky.

For city planting, especially close to houses, the deciduous trees are to be preferred to evergreens. They endure the smoke and gases of city life better than the evergreens, and in winter they do not obstruct the admission of sunshine through windows and doorways. Many bear beautiful flowers.

Except that their roots are not balled and burlapped, the method of handling and planting them is the same as for evergreens. They should be well watered the first season and firmly staked so that they will not sway in the wind.

### ABBREVIATIONS

Denoting Size: L, trees that attain a height of 50 feet or more; M, trees that attain a height of 25 to 50 feet; S, trees that attain a height of 10 to 25 feet; D, dwarf; VD, very dwarf.

Denoting Rapidity of Growth: r, rapid; m, medium; s, slow; v, vigorous; vs, very slow.

Denoting Varieties Suitable for Seashore Planting: (†).

The figures following the name denote the *ultimate* size of tree at maturity.

### ACER . Maple

The Maples are too familiar to need much introduction. They are all splendid, round-headed trees, some of which are especially adapted to street planting.

**Acer dasycarpum (saccharinum). Silver Maple. (Lr.)** 80 ft. Foliage light green, silvery beneath. A most rapid-growing Maple thriving best in rich, moist soil but succeeding almost anywhere except on dry ground. Useful street tree.

	Each	10
12 to 14 ft. . . . .	\$3 00	\$27 00
10 to 12 ft. . . . .	2 50	22 50
8 to 10 ft. . . . .	2 00	18 00

**A. dasycarpum pyramidale. Pyramidal Silver Maple. (Lr.)** 80 ft. Compact, erect form of the Silver Maple, assuming a more or less conical or pyramidal shape.

6 to 8 ft. . . . .	Each	\$2 00
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**Acer dasycarpum wieri. Wier's Cut-leaf Maple. (Lr.)** 80 ft. Handsome ornamental or specimen tree with drooping branches and finely cut or lacy, silver foliage. Much admired.

	Each	10
12 to 14 ft. . . . .	\$5 00	\$48 00
10 to 12 ft. . . . .	4 00	36 00

**A. ginnala. Amur Maple. (Sm.)** 15 ft. Graceful shrub or small tree, with handsome foliage that turns bright red in autumn. Useful as substitute for the Japanese Maple where that is not hardy.

	Each	10
6 to 8 ft. . . . .	\$2 50	\$22 50
5 to 6 ft. . . . .	2 00	17 50

**A. negundo. Box Elder. (Mr.)** A rapid-growing tree that is useful where a quick screen is desired. It has spreading branches and light green foliage that changes to yellow in the autumn. Although it thrives best in rich, damp ground, it will grow in dry or poor soils.

	Each	10
12 to 14 ft. . . . .	\$3 25	\$30 00
10 to 12 ft. . . . .	2 50	24 00



*Acer saccharum*

***Acer palmatum. Japanese Maple. (Dm.)*** A handsome shrub of dense, graceful habit, with especially attractive foliage in spring and fall, when it assumes most striking colors. Suitable for specimens and for color notes in mixed plantings.

	Each	10
3 to 4 ft. . . . .	\$3 50	\$32 50
2 to 3 ft. . . . .	2 50	22 50

***A. palmatum atropurpureum. Blood-leaved Japanese Maple. (Ds.)*** A very striking tree in spring when its leaves are blood-red; later they change to dark purple, retaining this attractive color throughout the season. This small tree is often used on lawns but is most effective when contrasted with evergreens. In New England it should be planted only in sheltered places. These trees are seedlings that have been selected for their rich color.

	Each	
3 to 3½ ft. . . . .	\$7 50	
2 to 3 ft. . . . .	5 00	
18 to 24 in. . . . .	3 50	

***†A. platanoides. Norway Maple. (Lr.)*** 50 ft. This large, handsome tree has a round, spreading head and broad, dark green foliage. It is decidedly beautiful when covered with its golden blossoms, before the foliage appears. The hardiest of all Maples, and will withstand extreme exposure; especially adapted for street, shade, and seashore planting.

	Each	10
10 to 12 ft. . . . .	\$5 00	\$48 00
8 to 10 ft. . . . .	4 00	37 50
6 to 8 ft. . . . .	2 75	25 00

***†A. platanoides schwedleri. Schwedler's Maple. (Lr.)*** 50 ft. The leaves are bright red when they first appear, changing later in the season to dark purplish green. Like the Norway Maple in habit of growth and general usefulness for almost all purposes.

	Each	10
6 to 8 ft. . . . .	\$5 00	\$45 00

***†Acer pseudoplatanus. Sycamore Maple. (Lr.)*** 70 ft. Handsome, round-headed tree with large dark foliage, making widespread shade. Hardy, and thrives in exposed, difficult locations.

	Each	
6 to 8 ft. . . . .	\$3 00	
5 to 6 ft. . . . .	2 50	

***A. rubrum. Red Maple. (Lv.)*** 80 ft. A very popular variety because of its irregular habit which is much appreciated independent of its other remarkably fine qualities of growth, its fragrant, scarlet flowers in early spring, and dense foliage which assumes a gorgeous color in autumn. Thrives in wet situations where no other Maple will live.

	Each	10
10 to 12 ft. . . . .	\$5 00	\$45 00
8 to 10 ft. . . . .	3 50	33 00
6 to 8 ft. . . . .	2 75	25 00

***A. saccharum. Sugar Maple. (Lr.)*** 80 ft. An excellent street and shade tree, somewhat higher headed than the Norway Maple, with dense foliage that turns bright yellow and scarlet in autumn. Does well in almost any soil.

	Each	10
10 to 12 ft. . . . .	\$5 00	\$48 00
8 to 10 ft. . . . .	3 50	33 00
6 to 8 ft. . . . .	2 50	24 00

***A. tataricum. Tatarian Maple. (Dm.)*** A hardy and desirable shrub-like tree with brilliant autumn coloring.

	Each	
8 to 10 ft. . . . .	\$2 25	

## AESCULUS • Horsechestnut

***Aesculus hippocastanum. European Horsechestnut. (Lm.)*** A large tree of regular outline with attractive foliage. In May it bears a profusion of very showy white flowers tinged with red, in 8 to 10-inch panicles. These are followed by fruits an inch or more in diameter.

	Each	
6 to 8 ft. . . . .	\$3 50	
5 to 6 ft. . . . .	2 50	

## AILANTHUS

***Ailanthus glandulosa. Tree-of-Heaven. (Lr.)*** 50 ft. Valuable for street planting where other trees do not thrive, as it withstands smoke and dust well. It is an extremely rapid-growing, open-headed tree with palm-like foliage and greenish flowers in June.

	Each	10
8 to 10 ft. . . . .	\$3 00	\$27 00
6 to 8 ft. . . . .	2 50	22 50
5 to 6 ft. . . . .	2 00	18 00

## ALNUS • Alder

***Alnus incana. Speckled Alder. (Lm.)*** 60 ft. Ornamental tree with handsome, deeply veined foliage and interesting catkins which come on the bare branches and dangle from the twigs before the leaves appear.

	Each	10
4 to 5 ft. . . . .	\$1 25	\$10 00

## ARALIA • Angelica Tree

***Aralia spinosa. Devil's Walking-stick. (Dr.)*** 10 ft. Its stout stems covered with thorns, immense leaves, and enormous clusters of small white flowers, followed by purple berries, give this species a very distinct subtropical appearance.

	Each	10
6 to 8 ft. . . . .	\$1 50	\$14 00
5 to 6 ft. . . . .	1 20	10 00





BETULA . Birch

This is a small family of trees with a grace and charm all their own. Mostly used as lawn specimens or in effective positions upon the grounds; they are also splendid mingled with other varieties in an open woodland, and the light-barked kinds are beautiful grouped at the edge of a thicket or forest.

†Betula alba. European White Birch. (Mr.) 40 ft. A tall, graceful tree, with spray-like branches and snow-white bark that is effective in winter. It assumes an elegant, drooping habit.

	Each	10
8 to 10 ft. . . . .	\$3 00	\$27 00
6 to 8 ft. . . . .	2 50	22 50
5 to 6 ft. . . . .	2 00	18 00

B. alba fastigiata. Pyramidal White Birch. (Mr.) 40 ft. Erect, pyramidal tree of fine appearance and desirable where compactness is necessary.

	Each	10
5 to 6 ft. . . . .	\$3 50	

†B. papyrifera. Canoe Birch. (Lr.) 70 ft. A worthy ornamental tree. When young, the stem is dark brown (sometimes almost black), which causes many people to question the variety, but as it develops, the trunk becomes white, with a loose, graceful head and large, handsome leaves. It thrives well in northern latitudes and is very effective in a group.

	Each	10
6 to 8 ft. . . . .	\$2 50	\$22 50
5 to 6 ft. . . . .	2 00	18 00

B. pendula gracilis. Cutleaf Weeping Birch. (Mm.) 50 ft. An unusually graceful, drooping tree, particularly adapted to lawns. The foliage is deeply cut and the bark silvery white at maturity.

	Each	10
10 to 12 ft. . . . .	\$6 00	\$55 00
8 to 10 ft. . . . .	5 00	45 00
6 to 8 ft. . . . .	4 00	36 00

†B. populifolia. Gray Birch. (Mr.) 40 ft. A slender tree with smooth, grayish white bark and glossy leaves. It is a rapid grower.

	Each	10
10 to 12 ft. . . . .	\$2 25	\$21 00
8 to 10 ft. . . . .	1 75	15 00
6 to 8 ft. . . . .	1 50	14 00

CARPINUS . Hornbeam

Carpinus caroliniana. American Hornbeam. (Mm.) 30 ft. Small, densely foliated tree with tough, wiry branches. Does well in neglected places and endures drought. Foliage colors beautifully.

	Each	10
4 to 5 ft., B&B . . . . .	\$3 00	\$27 00
3 to 4 ft., B&B . . . . .	2 50	22 50

CELTIS . Hackberry

†Celtis occidentalis. Hackberry. (Mm.) Rare native tree with numerous slender branches and light green, shiny leaves. Resembles the elm.

	Each	
8 to 10 ft. . . . .	\$3 00	
6 to 8 ft. . . . .		2 00

CERCIDIPHYLLUM . Katsura Tree

Cercidiphyllum japonicum. Katsura Tree. (Mr.) 40 ft. This hardy ornamental tree is of pyramidal form, with medium-sized, heart-shaped leaves dark green above and silvery beneath. It branches to the ground, and prefers damp soil, where it grows rapidly.

	Each	10
10 to 12 ft. . . . .	\$6 00	
6 to 8 ft. . . . .	4 00	\$36 00
5 to 6 ft. . . . .	3 00	27 00

CATALPA . Indian Bean

Useful trees with very large leaves and extremely handsome flowers. They grow rapidly and quickly, making a grateful shade. Well adapted to avenue planting, and the first variety named is highly popular for certain formal effects.

Catalpa bignonioides nana (bungei). Umbrella Catalpa. (Dm.) A species from China that has large, glossy foliage and is a shy bloomer. If the top is grafted on tall stems, it makes an effective tree for formal gardens.

	Each	10
4-yr. heads . . . . .	\$4 00	\$35 00
3-yr. heads . . . . .	3 50	33 00
2-yr. heads . . . . .	2 50	22 50

C. speciosa. Western Catalpa. (Lr.) This tall, hardy variety is well adapted to forest and ornamental planting. Flowers in giant clusters. The most desirable Catalpa.

	Each	10
12 to 14 ft. . . . .	\$2 50	\$22 50
10 to 12 ft. . . . .	2 00	18 00

CHIONANTHUS . Fringe Tree

Chionanthus virginica. White Fringe Tree. (Sv.) 15 ft. A superb lawn tree, with large, dark green foliage and great sprays of white fringy flowers in early summer. Delicately fragrant.

	Each	10
6 to 7 ft. . . . .	\$5 00	\$48 00
5 to 6 ft. . . . .	4 00	36 00
4 to 5 ft. . . . .	3 00	27 00

CLADRASTIS

Cladrastis lutea. Yellow-wood. (Mv.) 50 ft. A splendid tree of the locust family with feathery leaves and clusters of fragrant white flowers, like pea-blossoms, in June.

	Each	
8 to 10 ft. . . . .	\$3 50	
6 to 8 ft. . . . .		2 50



Chionanthus virginica





*Cornus florida*

## CORNUS . Dogwood

Small trees desirable from every point of view. In the spring they make a picture of unforgettable beauty with their drifts of showy flowers against the sky or a background of evergreens. Their rich green foliage is handsome during the summer, and their glittering red berries are one of autumn's chief charms.

### *Cornus florida. White-flowering Dogwood.*

(Sv.) 15 ft. An American species of regular habit, with spreading, open top. It produces large, showy white flowers in May before the leaves appear. In autumn the grayish green foliage turns dark red, and with the brilliant red berries makes it one of the most beautiful trees at that season. Its natural home is at the edge of woodlands, and it never looks better than in front of a background of evergreens.

	Each	10
5 to 6 ft., B&B . . . . .	\$5 00	\$48 00
4 to 5 ft., B&B . . . . .	3 00	27 00
3 to 4 ft. . . . .	2 00	18 00

NOTE.—B&B means roots taken up with earth and burlapped, for which no extra charge is made.

*C. florida flore-pleno. Double White-flowering Dogwood.* (Sv.) 15 ft. Beautiful tree of the same type, but the double flowers are even more showy, with eight to twelve snow-white bracts instead of the usual four.

	Each	10
3 to 4 ft., B&B . . . . .	\$5 00	\$45 00

### *C. florida rubra. Red-flowering Dogwood.*

(Sv.) 15 ft. One of the finest flowering trees. It blooms when quite young, producing deep rose-colored flowers in the early spring. This tree is worthy of extensive culture and should have a place on every sizable lawn.

	Each	10
4 to 5 ft., B&B . . . . .	\$7 50	
3 to 4 ft., B&B . . . . .	6 00	

## CERCIS . Redbud

*Cercis canadensis. Judas Tree.* (Ss.) 25 ft. One of the finest ornamental trees. It is of medium size, round-headed, with large, heart-shaped, leathery dark green foliage. A profusion of deep pink flowers covers the tree in April before the leaves appear.

	Each	10
5 to 6 ft. . . . .	\$2 50	\$22 50
4 to 5 ft. . . . .	1 50	14 00

## CRATAEGUS . Hawthorn

The Thorns are small, shrubby trees, charming alike when bare, in flower, in foliage, or in fruit. They are fine for masses in the corners or at boundaries, and look well in hollows or along streams, fitting into almost any scheme of naturalistic or formal planting.

### †*Crataegus coccinea. Thicket Hawthorn.*

(Ss.) 20 ft. A fine native variety with large foliage and white blossoms in May, succeeded by clusters of scarlet fruit in autumn.

	Each	10
4 to 5 ft. . . . .	\$2 00	\$18 00
3 to 4 ft. . . . .	1 50	14 00

### †*C. cordata. Washington Hawthorn.* (Sm.)

25 ft. Very desirable, with beautiful autumn color and large clusters of bright red fruit, remaining on the branches a long time. Much used both singly and in groups.

	Each	10
4 to 5 ft. . . . .	\$2 50	\$22 50
3 to 4 ft. . . . .	2 00	18 00

### †*C. crusgalli. Cockspur Thorn.* (Sv.) 20 ft.

The long, sharp thorns and glossy green foliage, which turns brilliant orange and scarlet in the fall, make this a valuable variety for hedges.

	Each	10
4 to 5 ft. . . . .	\$2 50	\$22 50
3 to 4 ft. . . . .	1 75	16 00





**Crataegus oxyacantha. English Hawthorn.** (Sv.) 15 ft. The fragrant "May" of English hedges. Snowy billows of lovely flowers on thorny, glossy-leaved trees. Fine for bordering lanes and drives or specimen use.

	Each	10
4 to 5 ft. . . . .	\$2 50	\$22 50
3 to 4 ft. . . . .	2 00	18 00
2 to 3 ft. . . . .	1 50	13 50

**C. oxyacantha roseo-plena. Double Pink Thorn.** A lovely variation of the English Thorn, with lovely, double pink flowers. Each 10

5 to 6 ft. . . . .	\$3 50	\$33 00
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**C. oxyacantha albo-plena. Double White Thorn.** Charming, double white flowers. A useful and attractive variety for interspersing with the pink variety or for specimen use. Each 10

6 to 8 ft. . . . .	\$5 00	
5 to 6 ft. . . . .	3 50	\$33 00

**C. oxyacantha splendens. Paul's Double Scarlet Hawthorn.** (Sm.) 15 ft. A small tree of fine habit, with rich, luxuriant foliage and very double deep crimson flowers with a scarlet glow. Each

8 to 10 ft. . . . .	\$10 00	
5 to 6 ft. . . . .	3 50	
4 to 5 ft. . . . .	3 00	

**C. succulenta. Fleshy Hawthorn.** (Sv.) 20 ft. Broad-headed, thorny, twiggy tree with glossy foliage and large scarlet fruits which are sometimes eaten or made into preserves. Blooms attractively in May, with clusters of large, fragrant white flowers. Each 10

5 to 6 ft. . . . .	\$1 75	
4 to 5 ft. . . . .	1 50	\$12 50
3 to 4 ft. . . . .	1 25	11 00
2 to 3 ft. . . . .	1 00	8 50

FRAXINUS . Ash

The Ashes grow quickly and thrive in almost any moist soil. They are valuable for parks and landscapes, and make good street trees in many localities.

**Fraxinus americana. White Ash.** (Lv.) 80 ft. This well-known native variety has a straight, clean trunk and soft, mellow green foliage, changing in the autumn to rich brown. A desirable shade or street tree because it furnishes shade quickly and is comparatively long-lived. Each 10

8 to 10 ft. . . . .	\$2 00	\$18 00
6 to 8 ft. . . . .	1 50	14 00

**F. lanceolata. Green Ash.** (Mr.) 60 ft. Attractive street or park tree with rich foliage and a broad, head. Seldom attacked by insects. Each 10

6 to 8 ft. . . . .	\$1 50	\$14 00
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GINKGO . Maidenhair Tree

**Ginkgo biloba. Maidenhair Tree.** (Mr.) This beautiful tree is of upright habit, with a clean, straight trunk and spreading branches peculiar to itself. The leaves are fan-shaped, resembling the maidenhair fern, and in the fall become rich golden yellow. An excellent lawn and avenue tree and very satisfactory in cities. Insects avoid it. Each

6 to 8 ft. . . . .	\$4 00	
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FAGUS . Beech

Beeches are among the noblest trees of creation, long-lived, symmetrical, and beautiful at all seasons of the year. They make dense shade and thick dark woods. The colored-leaf forms are among the finest ornaments for specimen or avenue work. Beeches resent transplanting to some extent, therefore we ship them with the roots carefully balled and burlapped.

**Fagus americana. American Beech.** (Lv.) 80 ft. Large, spreading tree of symmetrical habit. Its rich yellow autumn foliage and smooth, gray bark add to its attractiveness. Each

6 to 7 ft. B&B . . . . .	\$6 50	
5 to 6 ft. B&B . . . . .	5 00	

**F. sylvatica. European Beech.** (Lm.) 80 ft. Handsome, symmetrical trees with smaller leaves than the American Beech but ornamental, sturdy, and long-lived. Each 10

4 to 5 ft. B&B . . . . .	\$4 50	\$42 50
3 to 4 ft. B&B . . . . .	3 50	33 00

**F. sylvatica purpurea. Purple Beech.** (Lv.) The foliage of this low-branching tree is very attractive. In spring it is bright reddish purple, turning beautiful purple-tinged green in summer. It forms a noble, symmetrical head of majestic appearance, and its foliage has a brilliant metallic glitter in the sunshine, which makes the tree conspicuous in the landscape, even at great distances. Splendid for a lawn tree. Each

20 to 25 ft. B&B . . . . .	\$40 00	\$60 00
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NOTE.—B&B means roots taken up with earth and burlapped, for which no extra charge is made to the purchaser.

GLEDITSIA . Honey Locust

**Gleditsia triacanthos. Common Honey Locust.** (Lv.) 80 ft. A fast-growing tree with compound, much-divided foliage, and fragrant, locust-like flowers. It can be used as a thorny, impenetrable hedge or allowed to grow into a splendid specimen tree of moderate size and compact habit. It will thrive along the ocean in defiance of spray and gales, and seems to enjoy the rough, barren, sandy soil of Cape Cod and similar localities. We can highly recommend it for both beauty and endurance under the most difficult growing conditions. Each 10

6 to 8 ft. . . . .	\$1 50	\$12 00
5 to 6 ft. . . . .	1 25	10 00
4 to 5 ft. . . . .	1 00	8 00

GYMNOCLADUS

**Gymnocladus dioica. Kentucky Coffee Tree.** (Mm.) A fine native tree of irregular shape, with large bluish green, feathery foliage. Its rigid ascending branches give it the appearance of great strength and its immense foliage heightens the effect. Its flowers are greenish white in terminal sprays, and its seeds are borne in flat pods. During the Revolutionary War they were used for coffee by the settlers west of the Alleghanies. Useful either on the lawn or in a border. Each

4 to 5 ft. . . . .	\$1 50	
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5 or more of one kind and size of plant will be furnished at the rate for 10

### JUGLANS

**Juglans cinerea. Butternut.** (Lm.) 50 ft. A vigorous, native, open-headed tree, with grayish, rough bark, and foliage that resembles that of the Black Walnut. Valued for its delicious ovoid nuts, as well as for its ornamental appearance.

	Each	10
8 to 10 ft. . . . .	\$2 50	\$22 50

### KOELREUTERIA

**Koelreuteria paniculata. Golden Rain Tree.** A very ornamental, round-headed tree with handsome, light green foliage and large clusters of small yellow flowers. Very decorative.

	Each	10
5 to 6 ft. . . . .	\$3 00	\$27 00
4 to 5 ft. . . . .	2 50	22 50

### LABURNUM . Golden Chain

Small trees with beautiful foliage and long drooping, wistaria-like flowers of golden yellow. While Laburnums are chiefly treated as specimens and planted in open situations where their graceful beauty can be admired from all sides, they are also useful on rocky slopes, or in shrubberies. There are few flowering trees hardy in New England which are as handsome.

**Laburnum vulgare. Golden Chain.** (Mm.) 30 ft. A small tree with smooth foliage, deriving its name from the long racemes of golden yellow blossoms produced in June. It does best in a cool, partially shady spot and ought to be given shelter from the most severe winter winds. We continually urge that this tree be planted more widely because few people realize how beautiful it really is.

	Each	10
6 to 8 ft. . . . .	\$6 00	\$57 00
5 to 6 ft. . . . .	4 00	36 00
4 to 5 ft. . . . .	2 50	22 50
3 to 4 ft. . . . .	2 00	18 00



Laburnum vulgare, with Maples in the background

### LARIX . Larch

**Larix laricina. American Larch; Tamarack.** (Lr.) Rapid-growing pyramidal tree, becoming irregular at maturity, with very attractive light green foliage like that of a bright green deciduous spruce. When grown by itself and well developed it is a very ornamental tree. Although a native of swampy ground it thrives in ordinary soils.

	Each	10
3 to 4 ft. . . . .	\$1 75	\$15 00

**L. leptolepis. Japanese Larch.** (Lr.) A slender, pyramidal tree with foliage like an evergreen spruce, but which is dropped in autumn. A very beautiful, quick-growing tree which enjoys a moist soil.

	Each	
5 to 6 ft. . . . .	\$2 50	
4 to 5 ft. . . . .	2 00	
3 to 4 ft. . . . .	1 50	

### LIQUIDAMBAR

**Liquidambar styraciflua. Sweet Gum.** (Mm.) A handsome native tree of stately growth, with corky bark and leaves that resemble those of the maple, but are more star-shaped, and glossy green, turning deep purplish crimson in autumn. It thrives south of Boston.

	Each	
8 to 10 ft. . . . .	\$6 50	
6 to 8 ft. . . . .	4 50	

### LIRIODENDRON

**Liriodendron tulipifera. Tulip Tree.** (Lr.) 80 ft. This large, symmetrical tree has smooth bark, glossy, light green, fiddle-shaped leaves and spreading branches. The flowers are tulip-like, greenish yellow blotched with orange.

	Each	10
6 to 8 ft. . . . .	\$2 50	\$22 50
5 to 6 ft. . . . .	2 00	18 00

### MAGNOLIA

**Magnolia soulangeana. Saucer Magnolia.** A sturdy, picturesque tree of moderate size, covered in spring with giant pinkish flowers before the leaves appear. Very handsome and easily one of the most ornamental flowering trees in existence.

	Each	
3 to 4 ft., B&B. . . . .	\$12 00	
2 to 3 ft., B&B. . . . .	9 00	

### MORUS . Mulberry

**Morus alba pendula. Teas Weeping Mulberry.** (Dv.) One of the best small weeping lawn trees, forming a perfect umbrella-shaped head of light green, deeply lobed foliage. Fruit reddish purple.

	Each	10
3-yr. heads . . . . .	\$5 00	
2-yr. heads, 5 to 6 ft. . . . .	3 50	\$33 00

**M. alba tatarica. Russian Mulberry.** (Mm.) A low, very bushy-topped tree with reddish fruit which birds like; very hardy and desirable.

	Each	10
10 to 12 ft. . . . .	\$2 75	\$26 00
6 to 8 ft. . . . .	1 75	16 00

### NYSSA . Sour Gum

**Nyssa sylvatica. Sour Gum; Tupelo.** A slender, round-topped tree with glossy, oval leaves which turn blazing scarlet in autumn. Very graceful and attractive at all seasons.

	Each	10
2 to 3 ft. . . . .	\$2 00	
18 to 24 in. . . . .	1 50	\$12 50





A group of Crabapples in bloom is a breath-taking sight. In fruit, they are almost equally attractive

MALUS • Flowering Crabapple

The Crabapples are smallish, round-headed trees, literally covered with blossoms in the spring. Most varieties are very fragrant, and all are followed in the fall by a profusion of waxy fruits varying from pale green to orange-red. Very beautiful for a corner of the lawn or as the background to lower shrubs, and they do especially well in low spots or little hollows. The famous Cherries of Japan fall far below the Crabapples in beauty and color, and will never be missed by those gardeners who are wise enough to use Crabapples instead.

We specialize in growing semi-matured specimens of these lovely Crabs. Unlike the usual run of stock offered, we offer mostly old trees, several times transplanted, and heavy enough to give an impressive immediate effect. The degree of heaviness or bushiness of each sort is indicated by the letter X. The heavier trees listed may be seen at our Nurseries in Framingham although in smaller sizes will be found in both places. Orders for any size may be sent to either office.

All Crabapples will be B&B without extra charge

**Malus arnoldiana. Arnold Crab. (Sm.)** 12 ft. Semi-double pink blossoms in early spring, followed by yellow fruit, and attractive foliage make this a very popular variety.

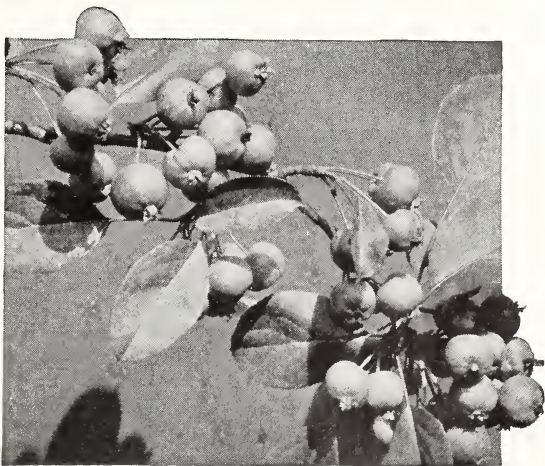
	Each	10
4 to 5 ft. . . . .	\$3 00	\$27 00
3 to 4 ft. . . . .	2 00	18 00

**M. atrosanguinea. Carmine Crab. (Sm.)** 14 ft. Like most Flowering Crabapples, it makes an excellent specimen or lawn tree for in spring it is a mass of single crimson blooms of such richness of color that it is easily the darkest and brightest of the rose-tinted Crabs. The color does not fade to white.

	Each	10
6 to 7 ft. XX . . . . .	\$5 00	\$48 00
5 to 6 ft. X . . . . .	3 50	33 00
4 to 5 ft. X . . . . .	2 50	22 50
3 to 4 ft. . . . .	2 00	18 00

**M. baccata. Siberian Crab. (Sm.)** 30 ft. Pure white, fragrant flowers, pink outside when unfolding. Fruit yellow, spotted red.

	Each	10
10 to 12 ft. XXX . . . . .	\$20 00	
8 to 10 ft. XXX . . . . .	15 00	
7 to 8 ft. XX . . . . .	10 00	



Fruits of Malus baccata





Flowers of *Malus ioensis plena* (Bechtel's Crab)

**Malus floribunda. Japanese Flowering Crab.** (Sm.) 20 ft. One of the best early, spring-flowering bushes or small trees. The deep pink or rosy red flowers appearing with the leaves, are produced in great abundance, followed by very showy reddish, pea-sized fruit on long, slender stems, making it very ornamental in autumn. One of the finest.

	Each	10
6 to 7 ft. XX	\$5 50	\$52 00
5 to 6 ft. XX	4 50	42 50
4 to 5 ft. X	3 00	27 00
3 to 4 ft. X	2 00	18 00

**M. floribunda purpurea. Purple Crab.** (Sm.) 16 ft. Gorgeous purple-red foliage and single, deep pink flowers. A most attractive tree at all seasons of the year.

	Each	10
8 to 10 ft. XX	\$15 00	
6 to 7 ft. X	5 50	
5 to 6 ft.	4 00	
4 to 5 ft.	3 00	

**M. halliana parkmani. Parkman's Crab.** (Sm.) Irregular and awkward when young, but a most attractive tree when filled with buds and blossoms. Each bud regularly produces five blossoms on stems 3 inches long, so slender that they bend with the buds or bloom in a very graceful fashion. The buds are carmine and

open to semi-double blossoms. When in bloom, the tree presents a most gorgeous appearance and may well be classed as one of the most valuable ornamental subjects in existence.

	Each	10
5 to 6 ft. X	\$4 50	\$42 00
4 to 5 ft. X	3 50	33 00
3 to 4 ft.	2 00	18 00

**M. hopa. Hopa Crab. (Sm.)** 20 ft. Small, compact tree with reddish foliage and large, dark red flowers, followed by abundant showy fruits. Very hardy and one of the showiest varieties.

	Each	10
6 to 7 ft.	\$4 00	\$36 00
5 to 6 ft.	3 00	27 00

**M. ioensis plena. Bechtel's Crab. (Sm.)** 15 ft. One of the most beautiful Flowering Crabs, producing double, fragrant flowers of delicate pink resembling small roses.

	Each	10
6 to 7 ft. XX	\$5 50	\$50 00
5 to 6 ft. XX	3 50	33 00
4 to 5 ft. X	2 50	22 50
3 to 4 ft. X	2 00	18 00

**M. niedzwetzkyana. Redvein Crab. (Mm.)** 25 ft. A very ornamental tree with deep pink flowers. A larger grower than most Flowering Crabs.

	Each	10
7 to 8 ft. XX	\$5 00	
6 to 7 ft. X	4 00	\$36 00
5 to 6 ft. X	3 00	27 00
4 to 5 ft.	2 50	22 50

**M. prunifolia rinki. Chinese Apple.** Showy white flowers followed by red, yellow, and green fruits 1½ inches in diameter. Cultivated by the Chinese as a fruit tree but it is an extremely decorative ornamental subject as well.

	Each	10
3 to 4 ft.	\$2 50	\$22 50
2 to 3 ft.	2 00	18 00

**M. robusta. Cherry Crab. (Sm.)** 20 ft. Showy, free-flowering tree with abundant pinkish white blossoms followed by red and yellow fruits, like cherries in appearance.

	Each	10
6 to 7 ft.	\$5 00	
5 to 6 ft.	3 50	

**M. sargentii. Sargent's Crab.** 8 ft. A dwarf tree, much more like a large, twiggy shrub making a billowy drift of snowy white when covered with its mantle of white blossoms. In autumn it is again made attractive and showy by the abundant red fruit.

	Each	10
5 to 6 ft.	\$5 00	\$48 00
4 to 5 ft.	4 00	35 00
3 to 4 ft.	3 00	25 00

**M. scheideckeri. Scheidecker's Crab.** 15 ft. A very showy, early-flowering variety with double pink blossoms. Connoisseurs consider this one of the real treasures of the whole lovely Crab family.

	Each	10
6 to 7 ft. X	\$4 50	\$42 50
5 to 6 ft. X	3 00	27 00
4 to 5 ft.	2 50	24 00

**M. spectabilis. Chinese Flowering Crab.** (Sm.) 18 ft. This small tree has very attractive flowers—the buds are coral-red and very showy.

	Each	10
6 to 7 ft. X	\$4 50	\$42 00
5 to 6 ft. X	3 00	27 00
4 to 5 ft.	2 50	22 50

**M. spectabilis rosea-plena. Double Pink Chinese Crab.** Similar to the foregoing, but the flowers are even more intensely colored. One of the favorite varieties.

	Each	10
5 to 6 ft. X	\$3 00	\$27 00





Malus theifera (Tea Crab)

**Malus toringoides. Cutleaf Crab. (Sm.)** 25 ft. A shrubby tree with beautiful foliage and irregular, picturesque habit, covered in spring with a cloud of creamy white flowers in dense masses along every branch and twig. In autumn its orange and scarlet fruit glitters in the sunlight like jewels.

	Each	10
6 to 7 ft. . . . .	\$5 00	
5 to 6 ft. . . . .	3 50	\$33 00

**M. theifera. Tea Crab. 20 ft.** You will like the character of the tree, its irregular branches, and its profusion of pink flowers. In the fall its foliage has a rich plum color. The following description is given by the late Dr. E. H. Wilson, Keeper of the Arnold Arboretum, who discovered this tree on one of his famous

plant-hunting expeditions into the interior mountains and hitherto unexplored regions of China.

"Rigid of branch, with wands of blossoms often 15 feet long, the Chinese *M. theifera* is the very quintessence of Crabapple loveliness. It is a small tree, seldom exceeding 20 feet in height, with sparse, upright, and spreading, rather zigzag branches. When in blossom the whole branch is transformed into a floral plume into which it is impossible to thrust a finger without touching a flower. The petals are reddish pink in the folded bud, white or delicately stained with pale pink when fully expanded. Supremely beautiful."

	Each	10
5 to 6 ft. . . . .	\$5 00	\$45 00
4 to 5 ft. . . . .	4 00	36 00
3 to 4 ft. . . . .	3 00	27 00
2 to 3 ft. . . . .	2 00	18 00

All Flowering Crabs will be taken up, balled and burlapped, without extra charge

**OXYDENDRUM . Sorrel Tree**

**Oxydendrum arboreum. Sourwood. (Sm.)** 25 ft. Slender and graceful as a birch, this tree will fill a narrow corner or fit in with the shrubs. The flowers are its crowning glory, coming in long, curving racemes, like drooping bouquets of lily-of-the-valley, in mid-summer when no other tree is in bloom. It is the first tree in autumn from which to pick a spray of scarlet foliage.

	Each	10
2 to 3 ft. . . . .	\$2 50	\$22 50
18 to 24 in. . . . .	2 00	18 00

**PHELLDENDRON . Cork Tree**

**Phellodendron amurense. Amur Cork Tree. (Mr.)** 50 ft. An excellent street tree as it resists drought and is not attacked by insects. It grows rapidly when young, thriving in almost any kind of soil, and has a round, broad head, and gray bark. The leaves are aromatic and turn bright yellow in autumn, and its blue-black berries adorn the branches long after the leaves have fallen. An excellent street tree.

	Each	10
12 to 14 ft. . . . .	\$4 00	\$36 00
10 to 12 ft. . . . .	3 00	25 00

We do not attempt to list all the sizes of trees that we may have to offer, but frequently we can furnish some of these varieties in larger as well as smaller sizes. We will be very pleased to quote you prices

## PLATANUS . Plane Tree

The Planes are massive, ornamental trees especially adapted to street planting and parks. They have ornamental bark, big handsome leaves, and in a general way resemble the maples. Because of their resistance to smoke and gases they are especially valuable for city planting.

### *Platanus occidentalis. American Plane Tree.*

(Lr.) One of the most massive and perhaps the tallest deciduous tree in North America. The leaves are heart-shaped at the base, with short, sharp-pointed lobes, and densely cover the branches which are mottled white where the thin bark scales off. An excellent street and park tree. This is the common very handsome American Sycamore.

	Each	
10 to 12 ft. . . . .	\$3 00	
8 to 10 ft. . . . .	2 25	

### *P. orientalis. European Plane Tree. (Lr.)*

Another excellent street and park tree, with broad, round head on a comparatively short trunk, and dullish gray or greenish white bark. A rapid grower which has become very popular for street planting in the larger cities.

	Each	10
10 to 12 ft. . . . .	\$3 25	\$30 00
8 to 10 ft. . . . .	2 50	22 50
6 to 8 ft. . . . .	1 75	16 00

## POPULUS . Poplar

Quick-growing trees, never very large, but always of agreeable form. They are voracious feeders and should not be planted where their roots are likely to get into drains. Poplars should never be planted singly, as it requires a group of them to secure the picturesque effect for which they are noted. This applies particularly to the thin, columnar types like the Lombardy.

### †*Populus balsamifera. Balsam Poplar.*

(Lr.) A tall, upright, symmetrical tree of rapid, luxuriant growth, with large, glossy leaves which are retained late in autumn. The buds exhale an agreeable odor and are used for medicinal purposes.

	Each	10
10 to 12 ft. . . . .	\$1 75	\$16 00

*P. nigra italica. Lombardy Poplar. (Lr.)* 60 ft. This well-known, upright, and extremely rapid-growing tree has bright pale green leaves, lighter beneath, and branches down to the ground. It is used very satisfactorily for screen purposes.

	Each	10
12 to 14 ft. . . . .	\$2 50	\$22 00
10 to 12 ft. . . . .	2 00	18 00
8 to 10 ft. . . . .	1 50	12 50
6 to 8 ft. . . . .	1 25	11 00

Write for prices on large quantities.

*P. simoni fastigiata. Chinese Lombardy Poplar. (Mr.)* 50 ft. A rapid-growing, narrow-columnar tree of great beauty and very hardy. Most useful where quick results are desired and a beautiful tree in the landscape.

	Each	10
12 to 14 ft. . . . .	\$2 00	\$18 00
10 to 12 ft. . . . .	1 75	16 50
8 to 10 ft. . . . .	1 50	12 00
6 to 8 ft. . . . .	1 25	10 00

## PRUNUS . Plum; Cherry

Charming small trees with dark-colored foliage, suitable for specimens or groups on the lawn and among shrubbery, where they are particularly effective.

*Prunus cerasifera, Othello.* (Improved Pissard.) A handsome, small tree with deeper color than the original Purpleleaf Plum.

	Each	
6 to 8 ft. . . . .	\$3 25	
5 to 6 ft. . . . .	2 75	

### *P. cerasifera pissardi. Purpleleaf Plum.*

15 ft. Very popular decorative tree, with handsome, dark purple leaves and pretty wine-red fruits. It retains its rich color until autumn.

	Each	10
5 to 6 ft. . . . .	\$2 75	\$25 00
4 to 5 ft. . . . .	2 00	18 00

### *P. serotina. Black Wild Cherry. (Lm.)* 60 ft.

Vigorous, native tree with long, glossy leaves and finger-like clusters of fragrant flowers, followed by small black fruits. Useful shade and timber tree.

	Each	10
10 to 12 ft. . . . .	\$3 00	\$27 00
8 to 10 ft. . . . .	2 50	22 50

## Japanese Flowering Cherries

A choice selection of the famous Cherry trees of Japan, celebrated in this country because of the wonderful collection in Potomac Park, at Washington, D. C., which attracts thousands of visitors every spring. They bloom very early and are most showy. The first variety is not a true Japanese sort but is equally beautiful.

*Prunus avium albo-plena. Double-flowering Cherry.* A handsome, decorative tree with charming, double white flowers.

	Each	
5 to 6 ft. . . . .	\$4 00	
4 to 5 ft. . . . .	3 00	

*P. subhirtella rosea pendula. Weeping Japanese Cherry.* An extremely decorative form, grown on a tall, straight stem, from the top of which the slender branches sweep in a broad umbrella-like head.

The flowers are bright pink.

	Each	
5 to 6 ft. . . . .	\$5 00	

*P., Kofugen.* 30 ft. Buds crimson; blossoms old-rose.

	Each	
4 to 5 ft. . . . .	\$4 00	

*P., Kwanzan. (Sm.)* 20 ft. Flowers old-rose, double, full.

	Each	10
5 to 6 ft. . . . .	\$5 00	\$48 00
4 to 5 ft. . . . .	4 00	36 00

*P., Naden. Siebold Cherry.* 20 ft. Lovely, double pink.

	Each	
4 to 5 ft. . . . .	\$4 00	
3 to 4 ft. . . . .	3 00	

## PTELEA . Hop Tree

### †*Ptelea trifoliata. Common Hop Tree. (Ds.)*

25 ft. A round-headed, loosely branched tree with glossy green foliage which, if bruised, exhales a pleasant hop-like odor. It is covered in the fall with numerous green fruit-pods.

	Each	10
6 to 8 ft. . . . .	\$1 25	\$11 00
5 to 6 ft. . . . .	1 00	9 00





PYRUS

**Pyrus calleryana.** *Chinese Sand Pear.* (Sm.) 40 ft. Good decorative tree covered with a cloud of small white flowers in May. Fall foliage yellow changing to orange, scarlet, red, crimson, and purple. Each 10  
12 to 14 ft. . . . . \$6 00 \$55 00  
10 to 12 ft. . . . . 5 00 48 00  
8 to 10 ft. . . . . 4 00 36 00

QUERCUS . Oak

Splendid trees, rather slow-growing at first, but when once established develop amazingly within a few years. They are of noble proportions and give an impression of boundless strength and vigor.

**Quercus alba.** *White Oak.* (Lm.) 100 ft. Lofly and dignified tree which attains great age and nobility. One of our noblest forest trees and a fairly rapid grower when once established. Each 10  
12 to 14 ft. . . . . \$8 00 \$78 00  
10 to 12 ft. . . . . 7 00 68 00  
8 to 10 ft. . . . . 6 00 55 00

**Q. bicolor.** *Swamp White Oak.* (Lr.) Thrives in wet locations, but does equally well in well-drained soils. It has a round-topped, open head and is one of the fastest growing Oaks. Each 10  
12 to 14 ft. . . . . \$7 50 \$70 00

**Q. coccinea.** *Scarlet Oak.* A large, handsome tree especially valued for brilliant scarlet foliage in autumn. Each  
6 to 8 ft. . . . . \$4 50

**Q. palustris.** *Pini Oak.* (Lr.) This very handsome tree is particularly adapted to lawn and avenue planting. It has drooping branches and finely divided dark green leaves which turn red in fall. A rapid grower that prefers moist soil, and, as it is fibrous-rooted, transplants well. Each  
6 to 8 ft. . . . . \$4 00

†**Q. rubra.** *Common Red Oak.* (Lr.) 80 ft. A broad tree of rapid growth with large, rich green foliage that turns bronzy red in the fall. Will flourish in poor soil. Each  
8 to 10 ft. . . . . \$5 00  
6 to 8 ft. . . . . 3 50

ROBINIA . Locust

†**Robinia pseudoacacia.** *Common Locust.* (Lr.) An excellent variety for producing natural, informal effects as it grows very rapidly to 80 feet high. In early summer it bears a profusion of fragrant white flowers in drooping racemes. Will thrive under city conditions, and withstand severe exposure. Each 10  
6 to 8 ft. . . . . \$2 50  
5 to 6 ft. . . . . 1 75 \$15 00

**R. pseudoacacia bessoniana.** (Lr.) Graceful form of the Common Locust, with slender branches and showy flowers. Each 10  
6 to 8 ft. . . . . \$2 75 \$25 00

**R. pseudoacacia spectabilis (inermis).** A showy fragrant variety without thorns. Each 10  
6 to 8 ft. . . . . \$2 75 \$25 00

**R. viscosa.** *Pink Locust.* (Mr.) 40 ft. Hardy tree of the usual Locust type, with handsome clusters of pink flowers dotted with yellow. Each 10  
6 to 8 ft. . . . . \$2 75 \$25 00

SORBUS . Mountain-Ash

**Sorbus americana.** *American Mountain-Ash.* (Mm.) 30 ft. Handsome little tree with feather-like foliage and enormous clusters of scarlet-orange fruits in autumn. A very hardy and extremely decorative tree. Very similar to the European Rowan Tree of literature and legend. Each 10  
10 to 12 ft. . . . . \$3 50 \$33 00  
8 to 10 ft. . . . . 3 00 27 00

**S. aucuparia.** *Rowan Tree or European Mountain-Ash.* (Mm.) 30 ft. The clusters of scarlet berries, borne in abundance from July to winter, make this a very attractive small lawn tree. Visitors to the Nursery in autumn invariably ask the name of this tree with the bunches of scarlet berries. Each 10  
10 to 12 ft. . . . . \$3 00 \$27 00  
8 to 10 ft. . . . . 2 50 22 50  
6 to 8 ft. . . . . 2 00 18 00

**S. commixta.** *Japanese Mountain-Ash.* (Mm.) 30 ft. A similar, very decorative species which fruits later in the season and holds its attractive foliage until late in autumn. Each 10  
8 to 10 ft. . . . . \$3 00 \$27 00  
6 to 8 ft. . . . . 2 50 22 50

**S. decora.** *American Rowan or Showy Mountain-Ash.* (Mm.) 30 ft. An especially showy species with larger and more abundant fruit than the American Mountain-Ash. Each  
10 to 12 ft. . . . . \$5 00  
8 to 10 ft. . . . . 4 00



Fruits of Sorbus aucuparia

### SALIX • Willow

Wherever there is a stream, a pond, or a bit of low ground, the Willows should be considered. They are among the most beautiful and graceful of trees.

**Salix alba. White Willow.** (Lr.) 50 ft. A large tree with short, thick trunk and silky leaves of silvery appearance. Rare and handsome. Each 10  
6 to 8 ft. . . . . \$1 25 \$11 00  
5 to 6 ft. . . . . 1 00 9 00

**S. babylonica. Babylon Weeping Willow.** (Lr.) 40 ft. Probably the best-known Willow and a splendid sort for formal effects. It has very drooping, long, slender branches of olive-green. Each 10  
8 to 10 ft. . . . . \$2 00 \$18 00  
6 to 8 ft. . . . . 1 50 14 00

†**S. pentandra. Laurel Willow.** (Mv.) 20 ft. An ornamental tree of upright, dense growth, with leaves of dark glossy green, much like the California privet. Excellent for seashore planting where it will thrive vigorously in either wet or dry soil. It is exceedingly useful for screens or tall hedges and will effectively blot out offending objects or views within a few years from planting. We consider it invaluable. Each 10 100  
6 to 8 ft. . . . . \$1 00 \$9 00 \$85 00  
5 to 6 ft. . . . . 90 8 00 75 00  
4 to 5 ft. . . . . 75 7 00 60 00  
3 to 4 ft. . . . . 70 6 50 54 00

†**S. vitellina. Golden Willow.** (Lm.) 80 ft. A large and venerable-looking tree, conspicuous at all seasons, but particularly in winter on account of its yellow twigs. Each 10  
6 to 8 ft. . . . . \$1 25 \$11 00  
5 to 6 ft. . . . . 1 00 9 00

### SYRINGA • Lilac

**Syringa japonica. Japan Tree Lilac.** (Sm.) 25 ft. A remarkable Tree Lilac from Japan with creamy white flowers. Should be on every lawn. Each 10  
5 to 6 ft. . . . . \$2 50  
4 to 5 ft. . . . . 2 00 \$18 00

### TILIA • Linden

Big, handsome trees of rapid growth and among the best ornamentals for either lawn or street planting. They are beautiful in foliage and flower.

**Tilia americana. American Linden.** (Lr.) 80 ft. An American species, with intensely fragrant yellow flowers and broad, round top. Each 10  
10 to 12 ft. . . . . \$4 50 \$42 00  
8 to 10 ft. . . . . 3 50 33 00  
6 to 8 ft. . . . . 2 50 22 50

**T. spectabilis. Showy Linden.** This vigorous, lofty-growing tree has blooms like *T. americana* and grayish downy leaves. A handsome, densely headed, ornamental tree useful for a great many purposes. Each  
10 to 12 ft. . . . . \$7 50  
8 to 10 ft. . . . . 6 00

At Framingham we have specimens of

**Tilia cordata. Littleleaf European Linden.**

**T. euchlora. Crimean Linden.**

**T. platyphyllos. Bigleaf European Linden.**

**T. tomentosa. Silver Linden.**

in sizes from 4 to 8-in. caliper at prices from \$50 to \$150 each, depending on variety and size.

### TAXODIUM • Bald Cypress

**Taxodium distichum. Bald Cypress.** (Lr.) A stately tree with foliage like an evergreen but which is shed in autumn. Each 10  
6 to 7 ft. . . . . \$5 00  
5 to 6 ft. . . . . 4 00 \$36 00  
4 to 5 ft. . . . . 3 00 27 00

### ULMUS • Elm

The Elms are famous trees and have a rural, pastoral air that fits admirably into landscape planting schemes. They almost always look best in a wide-spaced row, or isolated in a field or on a hillside, and some of the finest of our New England villages owe their beauty to their Elm-bordered streets. Even in winter the Elms are interesting and attractive because of their maze of interlaced branches studded with tiny buds ready for the burst of spring. There is scarcely any purpose for which they are not almost always first choice, because of their grace, their permanence, and their rapid growth.

**Ulmus americana. American Elm.** (Lr.) 120 ft. The most beautiful of the Elms, and the glory of our old New England towns. It is lofty and spreading, with drooping branches and is very hardy. Each 10  
12 to 14 ft. . . . . \$5 00 \$45 00  
10 to 12 ft. . . . . 4 00 36 00  
8 to 10 ft. . . . . 2 75 25 00  
6 to 8 ft. . . . . 2 00 18 00

**U. americana molini. Moline Elm.** (Lm.) 80 ft. A handsome, pyramidal form of the American Elm of narrow, erect habit, making it ideal for street use in restricted quarters. Large leaves and short, erect branches. A fine, quick-growing tree. Each 10  
8 to 10 ft. . . . . \$4 00 \$36 00  
6 to 8 ft. . . . . 3 00 27 00

**U. americana, Vase-shaped.** 150 ft. Selected specimens of uniform shape and habit. Especially fine where special uniform effects are desired. Each 10  
14 to 16 ft. . . . . \$7 50 \$70 00  
12 to 14 ft. . . . . 6 00 57 00  
10 to 12 ft. . . . . 5 00 48 00

**U. glabra Camperdowni. Camperdown Elm.** (Lm.) When well grown makes a large drooping head with wide-spread pendulous branches. Most handsome and decorative. Old trees make ideal children's play houses in the sheltered enclosed space behind the lower boughs and are always handsome. Each  
5 to 6-ft. stems . . . . . \$5 00

**U. pumila. Siberian or Chinese Elm.** 60 ft. A new tree from China which was first thought to be of dwarf, bushy habit hence the name *pumila*, but discovered to be a handsome, large tree comparable to the American Elm in size and beauty, but surpassing it in its extremely rapid growth. Seedlings grow to tall fine specimens within a few years, and enthusiasts predict that its hardiness, its rapidity of growth, and the beauty of the mature tree will give it unprecedented popularity. It is just the thing for planting on a new place for within the time it takes an ordinary tree to establish itself, the Chinese Elm matures into a large tree. Each 10  
8 to 10 ft. . . . . \$3 00 \$25 00  
6 to 8 ft. . . . . 2 50 22 50





*Azalea vaseyi* at Arnold Arboretum

## DECIDUOUS SHRUBS

THERE are a tremendous number of beautiful bushes or shrubs which embrace flowering forms of every conceivable variety, and others admired for their fruits, or for their leaves, or for their interesting shape.

They should always be planted in groups or borders; isolated specimens, unless very large, look lonesome and forlorn. A good arrangement invariably provides open stretches of lawn bordered with irregular masses of shrubs against the boundary-line or buildings. It is best not to mix too many kinds in any one group. Their outline and habits differ so very much that best effects always come from planting large restful colonies of one kind or closely related sorts.

### ABBREVIATIONS

Denoting Size: L, large; M, medium; S, small; D, dwarf; VD, very dwarf.  
Denoting Varieties Suitable for Seashore Planting: (†).  
Denoting Varieties Producing Fruit Which Attracts Birds: (§).  
Figures following the name denote the *ultimate* size of tree at maturity.

Remember, 5 or more plants of one kind will be furnished at rate for 10.

### AMELANCHIER

#### Shadbush • Juneberry

§*Amelanchier canadensis*. *Downy Shadblow*. (L.) 10 ft. Small, graceful tree which breaks into a lacy cloud of snowy flowers in early spring, followed by small purplish fruit in autumn. Each 10

3 to 4 ft. . . . .	\$1 25	\$11 00
2 to 3 ft. . . . .	1 00	8 00

*A. stolonifera*. *Running Shadblow*. (S.) 4 ft. Vigorously spreading shrub with woolly young foliage and showy clusters of white flowers, followed in due time with sweet, blue fruits. Each 10

2 to 3 ft. . . . .	\$0 75	\$6 00
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### AMORPHA

*Amorpha canescens*. *Lead Plant*. (D.) 3 ft. Handsome low shrub with dense, woolly, white foliage topped with showy spikes of small blue flowers. Fine for border or rear of rock garden. Each 10

15 to 18 in. . . . .	\$0 75	\$6 00
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†*A. fruticosa*. *Indigobush*. (L.) 10 ft. The unusual, dark violet-purple flowers in June make this an exceptionally interesting shrub. It is of spreading habit, with fine, feathery foliage. Each 10

5 to 6 ft. . . . .	\$1 00	\$7 50
4 to 5 ft. . . . .	75	6 00
3 to 4 ft. . . . .	60	5 00



## HARDY AZALEAS

All the Azaleas we grow are hardy and particularly attractive for woodland edges and in shady spots about an estate. Like the Rhododendrons, they will not live in a soil containing lime. They bloom from the first of May until the middle of July, and an assortment of them will provide at least one variety in blossom all the time during that period. The Roman numerals refer to their order of blooming. Our stock of Azaleas is all *Nursery Grown*, several times transplanted, having heavy masses of fibrous roots which insure superior results to the planter. They should not be compared with the collected stock frequently offered.

If you are interested in seeing Azaleas, visit our Framingham nursery where they are extensively grown, although most varieties may be seen at both places.

All Azaleas will be balled and burlapped (B&B) without extra charge

**Azalea arborescens. Sweet Azaleas. (M.)** 5 ft. The plants we offer of this species are of the absolutely true strain. They are low, broad, dense and rounding. Flowers large, white, pink outside, borne in mid-June. This true strain of *Arborescens* is a very desirable shrub particularly for mass effects. (XI.)

	Each	10
2 to 2½ ft. . . . .	\$4 50	\$40 00
18 to 24 in. . . . .	3 50	33 00
15 to 18 in. . . . .	3 00	27 00

**A. calendulacea. Flame Azalea. (M.)** 8 ft. The most showy Azalea, and one of the most beautiful flowering shrubs. Blooms several weeks, bearing a profusion of scentless, orange-yellow or flame-red flowers before the leaves appear. (X.)

	Each	10	100
2½ to 3 ft. . . . .	\$4 50	\$42 00	
2 to 2½ ft. . . . .	3 50	33 00	\$300 00
18 to 24 in. . . . .	3 00	27 00	250 00



Azalea kaempferi, Euonymus vegetus in the background

**Azalea canadensis. Piedmont Azalea. (M.)** 4 ft. This variety has rosy pink flowers which open before or with the unfolding of the leaves, and in early spring fill the woods with beauty and fragrance. An important and useful variety. (VII.)

	Each	10
2 to 3 ft. . . . .	\$3 50	\$33 00
18 to 24 in. . . . .	2 75	25 00

**A. gandavensis. Ghent Azalea. (L.)** 10 ft. Flowers attractive, in mixed colors, light to golden yellow, light pink, cream, and orange. This name represents a large tribe of hybrid forms of the greatest beauty and variation in color.

	Each	10
2 to 2½ ft. . . . .	\$6 00	\$55 00
18 to 24 in. . . . .	5 00	45 00
15 to 18 in. . . . .	4 00	36 00

**A. kaempferi. Torch Azalea. (M.)** 8 ft. A very handsome, tall-growing variety with flowers which vary from bright orange-red to salmon-pink. It thrives in partial shade and is extremely floriferous and hardy in New England. Exceptionally desirable and we believe it is one of the best of all for brilliancy and refinement of color, combined with other good shrub virtues. Plant this Azalea liberally. (IV.)

	Each	10	100
2 to 2½ ft. . . . .	\$6 00	\$55 00	
18 to 24 in. . . . .	4 75	45 00	\$420 00
15 to 18 in. . . . .	4 00	35 00	300 00

**A. mollis. Chinese Azalea. (M.)** 6 ft. Resembles a dwarf rhododendron with good foliage and bears flowers in all shades of red, yellow, and orange. It is perfectly hardy, thriving in sunny positions anywhere, and is excellent in masses. Its roots must not come in contact with barnyard manure. All that we said of the value of *Azalea kaempferi* applies with equal force to this variety. Both are superb Azaleas. Excellent plants of mixed colors. (VIII.)

	Each	10
18 to 24 in. . . . .	\$4 50	\$42 00
15 to 18 in. . . . .	3 50	33 00

**A. mollis, Louisa Hunnewell.** 6 ft. A new hybrid of *Azalea mollis* which is perfectly hardy in New England. Flowers brilliant salmon-red or orange, and borne in tremendous quantity. (IX.)

	Each	10
15 to 18 in. . . . .	\$4 50	\$42 00
12 to 15 in. . . . .	3 00	27 00

**A. mucronulatum. Mongolian Azalea.** 6 ft. An upright shrub valued for its very early bright rose flowers and handsome autumn leaves. (I.)

	Each	10
2 to 2½ ft. . . . .	\$6 50	
18 to 24 in. . . . .	5 00	\$48 00
15 to 18 in. . . . .	4 00	36 00

**A. nudiflora. Pinxterbloom. (M.)** 6 ft. The flowers vary from deep pink to reddish purple, and appear in May. Suitable for mass planting and flourishes in light sandy soil. (VI.)

	Each	10
18 to 24 in. . . . .	\$3 00	\$27 00
15 to 18 in. . . . .	2 50	22 50



**Azalea poukhanensis. Korean Azalea.** 3 ft.  
A low-growing Azalea producing a profusion of pale lilac-purple flowers, utterly different from all other Azaleas. Hardy at Boston. (III.) Each 10  
18 to 24 in. spread . . . . . \$5 00 \$45 00  
15 to 18 in. spread . . . . . 4 00 36 00

**A. schlippenbachii. Royal Azalea.** 6 ft.  
Handsome species with ample foliage and pure pink flowers, spotted brown on the throat of the upper petals. Early bloomer and conspicuously good. Each  
12 in. . . . . \$4 00

**A. vaseyi. Pinkshell Azalea.** (M.) 6 ft. A tall shrub of open, irregular habit, with slender stems and small, compact clusters of pink flowers appearing before the leaves. (II.) Each 10  
2 to 2½ ft. . . . . \$6 00 \$55 00  
18 to 24 in. . . . . 4 50 42 00  
15 to 18 in. . . . . 3 50 33 00

**A. viscosa. Swamp Azalea; Wild Honeysuckle.** 8 ft. Vigorous shrub with an abundance of pink and white, deliciously fragrant flowers. It likes damp places, but will thrive in the shrub border. Each 10  
4 to 5 ft. . . . . \$5 50 \$50 00  
3 to 4 ft. . . . . 4 25 40 00  
2½ to 3 ft. . . . . 3 50 33 00  
2 to 2½ ft. . . . . 2 75 25 00

ACANTHOPANAX

†**Acanthopanax dentaphyllum. Fiveleaf Aralia.** (M.) 8 ft. A graceful shrub, with arching, spiny branches and bright green, shining foliage. Excellent in shady places, on rocky banks and slopes, and also especially good for hedges. Each 10  
4 to 5 ft. . . . . \$1 00 \$8 00  
3 to 4 ft. . . . . 75 6 00  
2 to 3 ft. . . . . 60 5 00

ARONIA • Chokeberry

§†**Aronia arbutifolia. Red Chokeberry.** (L.) 10 ft. This attractive, densely branched shrub bears clusters of white flowers in May. Each 10  
3 to 4 ft. . . . . \$1 25 \$11 00  
2 to 3 ft. . . . . 90 8 00

§**A. melanocarpa. Black Chokeberry.** (M.) 6 ft. Similar to *A. arbutifolia* in other respects, but the fruit is glossy black. Each 10  
3 to 4 ft. . . . . \$1 25 \$10 00  
2 to 3 ft. . . . . 90 8 00

BUDDLEIA • Butterfly Bush

The Buddleias have flowers of the most attractive soft lavender-purple and make big, showy shrubs in a mixed planting.

**Buddleia alternifolia. Chinese Butterfly Bush.** 8 ft. Big, arching shrubs with bold, woolly gray foliage and clusters of lilac-purple flowers. Each 10  
18 to 24 in. . . . . \$2 25 \$20 00

**B. davidi magnifica. Oxeye Butterfly Bush.** (M.) 6 ft. An attractive shrub which produces an abundance of fragrant, showy, rosy purple flowers with orange-yellow centers, from August on. Each 10  
2-yr. plants . . . . . \$0 60 \$5 00

**B. davidi veitchiana. Veitch's Butterfly Bush.** 5 ft. A more robust shrub than the foregoing, with mauve and orange flowers, borne in larger clusters. Each 10  
2-yr. plants . . . . . \$0 60 \$5 00



Azalea poukhanensis

BERBERIS • Barberry

These attractive shrubs are of inestimable value for their neat, compact growth, beautiful foliage and fruit, and their adaptability to a multitude of uses. They are among the finest hedge plants, and several of them make beautiful specimens interspersed through a mixed shrubbery. The colored foliage forms are particularly effective for variety and special emphasis. Note that two splendid evergreen varieties of Barberries are listed among the Evergreen Shrubs.

**Berberis julianae.** See page 16.

§†**B. thunbergii. Japanese Barberry.** (M.) 5 ft. We know of no better hedge plant and slow-growing shrub for New England and other northern states than the Japanese Barberry. The plant is not only hardy but also graceful and attractive. Its foliage is of a rich green color in the summer, and in the autumn is very brightly colored. The fruit is equally showy and remains on the plants from the last of the summer until midwinter. Like other hedge plants, the Barberry should be planted at the rate of one plant to one foot of ground—in other words, a space of 75 feet will require 75 plants. Our plants are well grown and very bushy, and our prices are reasonable for stock of this quality.

Remember that we allow the 100 rate on 25 or more plants of one kind.			
	Each	10	100
3 to 3½ ft. . . . .	\$0 90	\$7 50	\$60 00
2½ to 3 ft. . . . .	60	5 40	45 00
2 to 2½ ft. . . . .	50	4 00	27 00
18 to 24 in. . . . .	35	2 50	18 00
15 to 18 in. . . . .	25	2 00	12 00
12 to 15 in. . . . .	20	1 50	9 00

The above are all bushy, but we offer 2½ to 3-ft. specimens (B&B), \$1 each, \$9 for 10.

§†*Berberis thunbergii atropurpurea*. *Red-leaved Japanese Barberry*. 5 ft. Exactly like the Japanese Barberry, except the foliage is a dark red and maintains this color throughout the season. This makes a splendid plant for a situation where something bright and cheery is desired, and one that needs no coddling or special care, beyond ordinary soil and unobstructed sunshine.

	Each	10
2 to 2½ ft. . . . .	\$1 25	\$10 00
18 to 24 in. . . . .	1 00	9 00

NOTE.—*Berberis thunbergii* and *B. thunbergii atropurpurea* have been approved by the U. S. Department of Agriculture and may be shipped anywhere without spreading wheat-rust.

§†*B. verna*. *Verna Barberry*. 5 ft. A desirable rather spiny variety with a more open habit. Its foliage is small and attractive, and its wiry, spiny branches are beautifully bespangled in autumn with clusters of pink berries which remain in attractive condition almost until spring.

	Each	10
2 to 2½ ft. . . . .	\$1 00	\$9 00
18 to 24 in. . . . .	90	7 50

*B. verruculosa*. See page 16.

§†*B. vulgaris*. *European Barberry*. (M.) 6 ft. A handsome variety in the spring, with its golden yellow flowers and light green foliage, and in fall the bright scarlet berries make it very attractive. The branches are upright, arching and thorny.

	Each	10
2 to 3 ft. . . . .	\$0 60	\$4 50

§†*B. vulgaris atropurpurea*. *Purple Barberry*. (M.) 6 ft. Similar to *B. vulgaris*, with beautiful violet-purple foliage and fruit. Very effective in groups and masses.

	Each	10
2 to 3 ft. . . . .	\$0 75	\$6 50



*Clethra alnifolia* (Sweet Pepper Bush)

## BENZOIN . Spice-Bush

*Benzoin aestivale*. *Spice-bush*. (L.) 15 ft. Graceful bush, sparkling in early spring with myriads of tiny golden flowers along the branches before the leaves come out. The foliage and bark are aromatic, and the berries red and spicy. A very attractive little shrub in autumn.

	Each	10
2 to 3 ft. . . . .	\$0 75	\$6 00

## CALYCANTHUS

*Calycanthus floridus*. *Common Sweet Shrub*. (M.) 6 ft. A favorite shrub found in old-fashioned gardens everywhere; will thrive in partial shade. It has fine, glossy foliage and pineapple-scented, chocolate-colored flowers that last far into the summer.

	Each	10
3 to 4 ft. . . . .	\$1 00	\$9 00
2 to 3 ft. . . . .	75	6 50

## CARAGANA

*Caragana arborescens*. *Siberian Pea-Tree*. (L.) 10 ft. This very hardy tall shrub has dark green wood, neat foliage, and small yellow flowers in June. It flourishes in light, sandy soil.

	Each	10
3 to 4 ft. . . . .	\$1 00	\$7 50
2 to 3 ft. . . . .	75	6 00

## CARYOPTERIS

*Caryopteris incana*. *Common Bluebeard*. (S.) 3 ft. A low, spreading bush, producing clusters of beautiful, blue, fragrant flowers from September until frost. It dies to the ground here in winter and must be protected in a northern climate.

	Each	10
2-yr. . . . .	\$0 60	\$5 00

## CEANOTHUS

*Ceanothus americanus*. *Jersey Tea*. (S.) 3 ft. Bushy native shrub with showy white flowers in abundance. Ornamental and thrives in light soil in full sunlight.

	Each	
2 to 3 ft. . . . .	\$0 90	
18 to 24 in. . . . .		75

## CEPHALANTHUS

*Cephalanthus occidentalis*. *Common Button-bush*. (M.) 5 ft. An excellent shrub for waterside planting as it thrives best in moist, loamy soil. Its creamy white, fragrant flowers are borne in dense round heads in midsummer.

	Each	10
18 to 24 in. . . . .	\$0 60	\$5 00

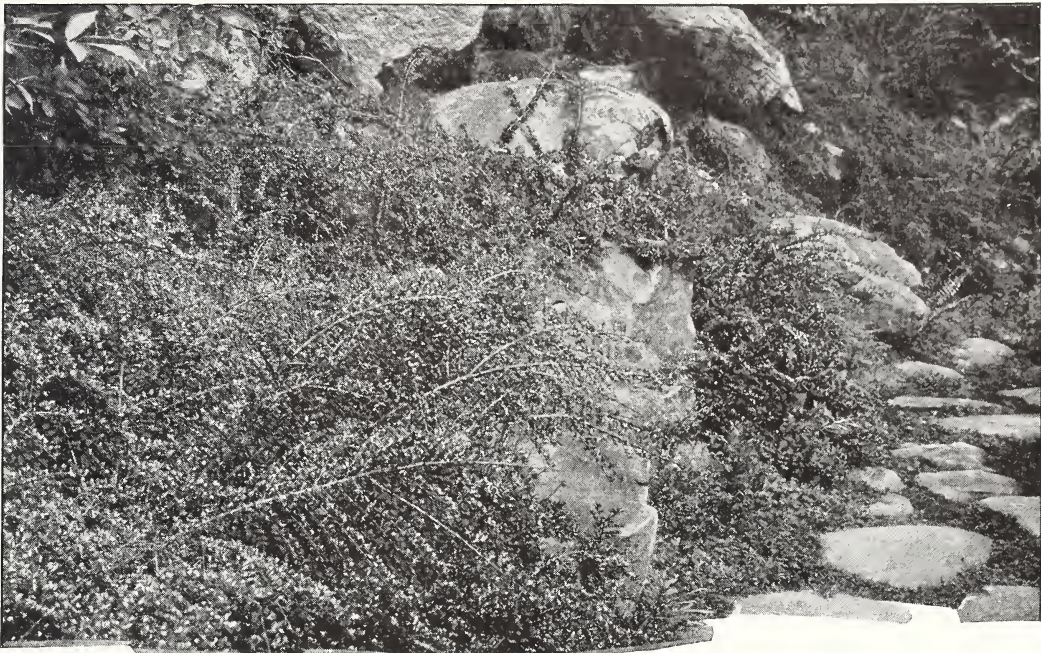
## CLETHRA

†*Clethra alnifolia*. *Summersweet*; *Sweet Pepper Bush*. (M.) 6 ft. A dainty, little, native shrub with spikes of creamy white, fragrant flowers throughout the season. It thrives in shady, damp places, where many shrubs will not grow, and is worthy of a place in every garden.

	Each	10
3 to 4 ft. . . . .	\$0 90	\$7 00
2 to 3 ft. . . . .	75	5 50

If you wish shrubs in larger sizes than you find listed here, write us for quotations. We have larger specimens in nearly every variety mentioned here.





Cotoneaster horizontalis in rock-garden.

COTONEASTER

Very decorative shrubs especially attractive by the side of walls or in connection with stonework. The tiny flowers and usually small leaves are most graceful, and the whole aspect of the plants is delicately beautiful. They are hardy, and their fruits are decorative in winter.

**Cotoneaster acutifolia villosula.** 10 ft. A spreading shrub 12 feet high with especially attractive foliage, hairy on the under side. The decorative fruits are black.

Each	10
From 5-in. pots, 12 to 15 in.	\$1 00 \$9 00

**C. apiculata.** (M.) 5 ft. Small leaves along arching, spray-like branches, and gem-like pink flowers followed by large, showy scarlet fruit. Most attractive and rare.

Each	10
From 6-in. pots	\$2 50 \$24 00

**C. dielsiana.** *Diels Cotoneaster.* 6 ft. The branches are slender and arching, well clothed with small ornamental foliage, and glossy red fruits.

Each	10
3 to 4 ft.	\$2 00 \$18 00
2 to 3 ft.	1 50 12 50
From 5-in. pots, 6 to 9 in.	90 8 00

**C. divaricata.** *Spreading Cotoneaster.* 6 ft. A spreading, arching shrub with extremely decorative leaves and tiny bead- or gem-like flowers. Fruits bright red and persist a long time.

Each	10
Field-grown, 2 to 3 ft.	\$2 00 \$18 00
From 5-in. pots, 18 to 24 in.	1 50 13 50
From 5-in. pots, 15 to 18 in.	1 25 11 00

**C. foveolata.** (L.) 10 ft. Tall, spreading shrub with large glossy leaves which become shining red and orange in autumn. Clusters of pink flowers appear in early summer, followed by glittering black fruits along the branches.

Each	10
From 5-in. pots, 2 to 2½ ft.	\$1 50 \$13 50
From 5-in. pots, 18 to 24 in.	1 25 11 00
From 5-in. pots, 12 to 18 in.	1 00 9 00

**Cotoneaster horizontalis.** *Rock Cotoneaster.*

(D.) This low shrub, with its almost horizontal branches and small glossy green leaves, is being used more each year. The flowers are pinkish white and the fruit bright red. While it is one of the very best shrubs for use in a rock garden, it is equally attractive in other spots and for use as a ground-cover. No shrub in the garden produces more attractive bright red berries in the autumn than the Rock Cotoneaster.

Each	10
From 6-in. pots, 12 to 15 in.	\$1 50 \$13 50
From 5-in. pots, 9 to 12 in.	1 25 11 00
From 5-in. pots, 6 to 9 in.	1 00 8 00

**C. horizontalis perpusilla.** Like *C. horizontalis*, one of the finest shrubs for terraces and rockeries. It has smaller leaves and is dwarfer.

Each	10
From 5-in. pots, 6 to 9 in.	\$1 00 \$9 00

**C. horizontalis wilsoni.** *Wilson's Cotoneaster.* A more arching and diffuse form, generally the tallest of the *C. horizontalis* type. Quite distinct.

Each	10
From 5-in. pots, 12 to 15 in.	\$1 50 \$13 50
From 5-in. pots, 9 to 12 in.	1 25 11 00

**C. humifusa (damneri).** Handsome, prostrate shrub with glossy foliage, white flowers, and red fruits. Almost a vine in habit.

Each	10
From 4-in. pots, 9 to 12 in.	\$1 25 \$11 00

**C. lucida.** (L.) 8 ft. Dense, big shrub with dark, intensely green foliage which retains its color until winter. Noteworthy for the profusion of its inky black fruit.

Each	10
From 5-in. pots, 3 to 4 ft.	\$2 25 \$20 00
From 5-in. pots, 18 to 24 in.	1 50 14 00

**Cotoneaster moupinensis. Mupin Cotoneaster.** Reaches 15 feet at maturity, with thickish leaves, rather longer than most varieties. Flowers pinkish, followed by abundant black fruit. Each 10

3 to 4 ft., field-grown plants . . . \$1 50 \$13 50

**C. multiflora. (M.)** 6 ft. Graceful, heavily foliated bush with slender, arching branches and dense clusters of white flowers in May. The fruit is red and showy. Each 10

From 5-in. pots, 2 to 3 ft. . . . \$2 00 \$18 00

**C. nitens.** Much like *C. divaricata* and equally handsome as a tall spreading shrub. The flowers are similar, delicately pink, in great abundance along the branches, but the fruits are shining purple-black instead of the usual red. Each 10

From 5-in. pots, 15 to 18 in. . . . \$1 25 \$10 00

**Cotoneaster racemiflora Soongarica. (M.)** 4 ft. Broad, spreading bush with grayish foliage and large clusters of pinkish flowers, followed by glistening scarlet fruits. A showy and attractive species with rather larger flowers than usual in this family. Each 10

18 to 24 in., field-grown . . . \$3 50 \$33 00

**C. rotundifolia (prostrata).** A low, much-branched, almost prostrate shrub with small flowers and an abundance of red berries. The leaves are round, glossy, and very handsome. Each

From 6-in. pots . . . . . \$2 25

**C. simonsi. Simon's Cotoneaster.** A hardy type from the Himalaya Mountains. Bushy; 4 feet high; flowers pinkish, and fruits red. Generally considered one of the most ornamental species. Each 10

3 to 4 ft., field-grown . . . . \$1 50 \$14 00

## CORNUS · Dogwood; Cornel

Prominent among the hardiest and showiest of shrubs are the twiggy Dogwoods. They present a continual display of beauty in flower, leaf, foliage, fruit, and twig that is hard to equal in any other family of shrubs. In this group are several species with graceful and brilliantly colored branches and twigs which enliven the winter landscape and bring cheer into the garden and distant view, when properly planted to catch the sunlight amid the winter snow. The queen of this family is the Flowering Dogwood, *Cornus florida* which is offered in the section devoted to Deciduous Trees; but even surpassing it is the rare *C. kousa* brought from Korea by the late E. H. Wilson, who considered it the finest of them all.

‡**Cornus alba. Tatarian Dogwood. (L.)** 10 ft. An erect-stemmed shrub with good, clean foliage and bright blood-red branches making it very showy in shrubberies, especially in winter. Each 10

4 to 5 ft. . . . . \$0 75 \$6 00

3 to 4 ft. . . . . 60 4 50

**C. alternifolia. Pagoda Dogwood. (L.)** 25 ft. Shapely trees with attractive foliage and clusters of small flowers followed by an abundant crop of showy dark blue fruits. Each 10

4 to 5 ft. . . . . \$1 50 \$12 50

3 to 4 ft. . . . . 1 00 8 00

§**C. amomum. Silky Dogwood. (M.)** 10 ft. A reddish-stemmed, late-blooming sort whose corymbs of white flowers appear in June. Its blue berries are very pretty in October. Each 10

5 to 6 ft. . . . . \$1 00 \$8 00

4 to 5 ft. . . . . 85 7 00

3 to 4 ft. . . . . 75 6 00

**C. florida. Flowering Dogwood.** Listed among the Deciduous Trees.

**C. kousa. Korean Dogwood.** 20 ft. A small tree with very large white flowers similar to the Flowering Dogwood, but last nearly a month, turning pink with age. The handsome foliage becomes purplish in autumn, making a perfect foil for the large, handsome red fruits. Generally considered a finer flowering tree than the American Flowering Dogwood, but very rare in this country at present. Each 10

2 to 3 ft. . . . . \$1 25 \$10 00

**C. mas. Cornelian Cherry. (L.)** 20 ft. Handsome little tree with yellow flowers before the leaves, and studded in autumn with immense quantities of scarlet fruits. It makes a stunning display of autumn color in the landscape. Each 10

3 to 4 ft. . . . . \$2 00 \$18 00

2 to 3 ft. . . . . 1 50 14 00

**Cornus masauero-elegantissima. Variegated Cornelian Cherry. (M.)** 8 ft. The beautiful green leaves of this variety are edged with white, making it desirable when judiciously used among other shrubs for its contrasting foliage. Each 10

4 to 5 ft. . . . . \$1 25 \$11 00

3 to 4 ft. . . . . 1 00 8 00

**C. obliqua. Pale Dogwood.** 8 ft. Similar to the Silky Dogwood but more compact in habit, and the branches are purple and yellowish red. The fruits are blue or partly white. Each 10

3 ft. . . . . \$1 00 \$8 00

‡**C. paniculata. Gray Dogwood. (M.)** 10 ft. One of the most handsome, free-flowering native shrubs of excellent habit. Its white fruits and red stems are most showy in the fall. Each 10

3 to 4 ft. . . . . \$1 00 \$8 00

2 to 3 ft. . . . . 75 6 50

§**C. sanguinea. Blood-twig Dogwood. (L.)** 12 ft. Red or purplish red branches and greenish white flowers, followed by black fruit. Each 10

5 to 6 ft. . . . . \$1 50 \$13 50

4 to 5 ft. . . . . 1 00 8 00

3 to 4 ft. . . . . 75 6 00

§**C. stolonifera. Red-Osier Dogwood. (M.)** 8 ft. Dark blood-red branches and prostrate stem. Flowers in dense cymes, followed by white berries. Each 10

5 to 6 ft. . . . . \$1 00 \$8 00

4 to 5 ft. . . . . 75 6 50

3 to 4 ft. . . . . 60 5 00

§**C. stolonifera flaviramea. Golden-twig Dogwood. (S.)** 8 ft. Branches yellow, making a striking contrast with the red-barked sort just mentioned. Very attractive in winter. Each 10

4 to 5 ft. . . . . \$1 00 \$8 00

3 to 4 ft. . . . . 75 6 00

2 to 3 ft. . . . . 60 4 50





## CORYLUS • Filbert

**Corylus americana. American Hazelnut.** (L.) 8 ft. While the nuts produced by this variety are smaller than those of the European Filbert, they are of fine, sweet flavor. Very hardy. Each 10  
 3 to 4 ft. . . . . \$1 25 \$10 00  
 2 to 3 ft. . . . . 90 7 50

**C. avellana. Filbert.** The European Filbert of commerce. An attractive shrub about 15 feet high, which bears its nuts abundantly in autumn. Each 10  
 3 to 4 ft. . . . . \$1 25 \$10 00  
 2 to 3 ft. . . . . 1 00 8 00

## CYDONIA

**Cydonia japonica. Japan Quince.** (M.) 6 ft. One of the first shrubs to bloom in the spring, and very showy because of its glossy leaves and flowers that vary in color from white to scarlet, followed by quince-shaped, fragrant, golden yellow fruit. It has spreading, spiny branches and makes a handsome and impenetrable flowering hedge. Each 10  
 3 to 4 ft. . . . . \$1 25 \$11 00  
 2 to 3 ft. . . . . 90 8 00

## DAPHNE

**Daphne mezereum. February Daphne.** (D.) 4 ft. A shade-loving shrub with long, narrow leaves. Blooms rose-purple in clusters along the bare branches in very early spring. Each 10  
 12 to 15 in. . . . . \$1 00 \$9 00

## DEUTZIA

Few shrubs are of such easy culture and give such universal satisfaction. The dazzling white and soft pink of their myriad blossoms yield many handsome effects in garden or border arrangements.

**Deutzia gracilis. Slender Deutzia.** (D.) 3 ft. The slender, arching branches are profusely covered by pure white flowers in early summer. Each 10  
 18 to 24 in. . . . . \$0 90 \$7 50  
 15 to 18 in. . . . . 75 5 50  
 12 to 15 in. . . . . 60 4 50

**D. gracilis rosea. Rose Deutzia.** (D.) 3 ft. A pretty pink-flowering variety of Gracilis. Each 10  
 18 to 24 in. . . . . \$0 90 \$7 50

**D. lemoinei. Lemoine's Deutzia.** (M.) 4 ft. An early-blooming, vigorous, floriferous shrub, with pure white flowers in great sprays along its stout branches. A row of these graceful bushes makes a desirable flowering hedge. Each 10  
 3 to 4 ft. . . . . \$0 90 \$8 00  
 2½ to 3 ft. . . . . 75 7 00  
 2 to 2½ ft. . . . . 60 5 50

**D. scabra crenata. Fuzzy Deutzia.** 6 ft. Flowers double, white, sometimes blush-pink, profusely borne in June. Each 10  
 4 to 5 ft. . . . . \$0 90 \$7 50  
 3 to 4 ft. . . . . 75 6 00  
 2 to 3 ft. . . . . 60 5 00

**D. scabra fortunei. Fortune's Deutzia.** 6 ft. A notably large-flowered type; very charming and not common. Each 10  
 4 to 5 ft. . . . . \$0 90 \$7 50  
 3 to 4 ft. . . . . 75 6 00

**Deutzia scabra plena, Pride of Rochester.** (L.) 2 ft. One of the tallest and best Deutzias. The large, double, white flowers, with the backs of the petals tinged rose, are borne in profusion in July. Each 10  
 3 to 4 ft. . . . . \$0 60 \$5 00  
 2 to 3 ft. . . . . 50 4 00

**D. scabra watereri. Waterer's Deutzia.** (L.) 6 ft. A beautiful variety with large, double pink flowers in July. Each 10  
 2 to 3 ft. . . . . \$0 75 \$6 50

## DIERVILLA

**Diervilla trifida. Dwarf Bush-Honeysuckle.** (D.) 3 ft. An excellent shrub for low masses on large estates. Bears a profusion of loose, yellow flowers in June, and during summer its foliage carries the colorful shadings of the autumn tint, giving a gay and festive effect throughout the season. A cheerful shrub. Each 10  
 2 to 2½ ft. . . . . \$0 60 \$5 00

## ELAEAGNUS • Oleaster

†**Elaeagnus angustifolia. Russian Olive.** (L.) 15 ft. A spreading, somewhat spiny bush, with woolly leaves and fragrant yellow flowers. Especially good for the seashore. Very attractive when in fruit. Each 10  
 3 to 4 ft. . . . . \$0 60 \$5 00  
 2 to 3 ft. . . . . 50 4 00

†**E. longipes. Cherry Elaeagnus.** (M.) 6 ft. This very desirable shrub has reddish brown branchlets, foliage dark green above, silvery beneath, and yellowish white, fragrant flowers followed by edible scarlet fruit. It is showy and attractive at all times, particularly when in fruit, and is one of the comparatively few decorative shrubs which thrive near salt water. Each 10  
 3 to 3½ ft. . . . . \$1 50 \$13 50

## ENKIANTHUS

**Enkianthus campanulatus. Bell-flowered Enkianthus.** 8 ft. A neat shrub with branches in whorls like a series of umbrellas, which later becomes a small tree. The pinkish striped flowers are like large lilies-of-the-valley and hang in clusters something like those of the styrax. The foliage is its greatest attraction, turning to brilliant shades of pink, red, scarlet, orange, yellow and all sorts of intermediate shades. This is a sour-soil shrub which hates lime. Each 10  
 18 to 24 in., B&B . . . . . \$3 00 \$27 00  
 15 to 18 in., B&B . . . . . 2 50 22 50



Enkianthus campanulatus



*Euonymus alatus compacta* growing in the nursery. Note the hardy, compact habit of growth

## EUONYMUS • Strawberry Tree

Several other varieties of *Euonymus* are listed under Evergreen Shrubs.

†*Euonymus alatus*. *Winged Euonymus*. (M.) 10 ft. Most desirable shrub of dwarf, compact habit, with yellowish flowers, followed by red fruit. The foliage is brilliant red in autumn.

	Each	10
4 to 5 ft. . . . .	\$3 25	\$30 00
3 to 4 ft. . . . .	2 00	18 00
2 to 3 ft. . . . .	1 50	13 50

†*E. alatus compacta*. *Dwarf Winged Euonymus*. 6 ft. A dwarf form of the above. These are extremely dense, slow-growing shrubs whose foliage in autumn is even more brilliant than *Alatus*. Use this for a low-growing, dense hedge, and you will be greatly pleased with the effect.

	Each	10
2 to 3 ft. . . . .	\$2 50	\$22 50
18 to 24 in. . . . .	2 00	18 00

*E. americanus*. *Brook Euonymus*. An upright shrub, growing to 8 feet, with attractive foliage, reddish flowers, and very showy pink fruits.

	Each	10
3 to 4 ft. . . . .	\$1 00	\$8 00

*E. bungeanus*. *Winterberry Euonymus*. 12 ft. A slender shrub 12 feet or more high, particularly handsome when covered by its bright orange fruits hanging on slender threads.

	Each	10
4 to 5 ft. . . . .	\$1 25	\$10 00
3 to 4 ft. . . . .	1 00	8 00
2 to 3 ft. . . . .	75	6 00

†*E. europaeus*. *European Burning Bush*. (L.) 4 ft. An erect shrub which sometimes makes a small, compact tree. Its foliage is dark green, turning crimson in the fall, and its flowers yellowish, followed by decorative sprays of orange-scarlet fruit.

	Each	10
5 to 6 ft. . . . .	\$2 00	\$18 00
4 to 5 ft. . . . .	1 50	13 50
3 to 4 ft. . . . .	1 25	10 00

*Euonymus latifolius*. *Broadleaf Burning Bush*. (L.) 10 ft. Large shrub or small tree with handsome foliage and yellowish flowers. Decorative fruit.

	Each	10
4 to 5 ft. . . . .	\$0 90	\$8 00
3 to 4 ft. . . . .	75	6 00

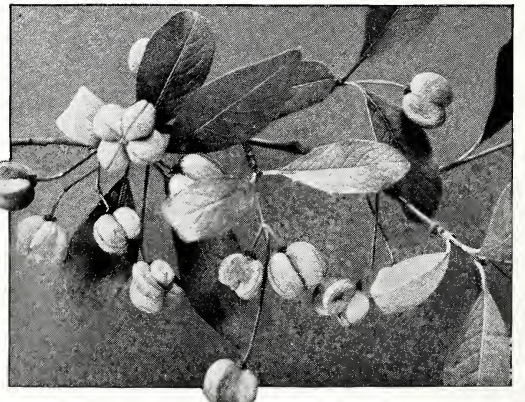
*E. yedoensis*. *Yeddo Euonymus*. 8 ft. The showiest of all the bush *Euonymus* family. Leaves brilliant red in fall. Scarlet berries surrounded by pink husks are produced in great profusion.

	Each	10
3 to 4 ft. . . . .	\$1 50	\$13 50
2 to 3 ft. . . . .	1 25	11 00

## EXOCHORDA

*Exochorda grandiflora*. *Common Pearl Bush*. (L.) 10 ft. This is a Chinese shrub of robust, tree-like growth, producing loose clusters of pure white flowers in May, somewhat like large, translucent orange-blossoms and very attractive.

	Each	10
3 to 4 ft. . . . .	\$1 00	\$8 00
2 to 3 ft. . . . .	75	6 50



The beautiful berries of *Euonymus europaeus*



FORSYTHIA • Golden Bell

Spring is really spring when the Forsythias bloom! Somehow they are the most welcome of the early shrubs because their tender yellow blossoms so definitely belong to that season and no other; and while they seem no stronger than a cloud of yellow butterflies, they defy and defeat winter at the door of spring! One Forsythia shining against a clump of evergreens is a pretty sight, but a clump of them, a border, or a hedge of them is a miracle of loveliness.

†*Forsythia intermedia*. *Border Forsythia*. (L.) 8 ft. An erect-growing shrub, but when full grown the branches arch gracefully, and bear clouds of deep yellow flowers. Each 10  
5 to 6 ft. . . . . \$1 25 \$11 00  
4 to 5 ft. . . . . 90 7 50  
3 to 4 ft. . . . . 75 6 00

†*F. intermedia spectabilis*. *Showy Border Forsythia*. 8 ft. Much more profuse-flowering than the original type, and several shades richer in its glorious deep yellow. Plants vigorous and compact. Regarded by the Arnold Arboretum and all others who have grown it as the finest member of the family. A bush of it, when allowed to grow naturally into its splendid mounded form and magnificent size, is a glorious sight in early spring, every branchlet and twig, from top to bottom, completely buried in flowers. Each 10  
4 to 5 ft. . . . . \$1 25 \$11 00  
3 to 4 ft. . . . . 1 00 7 50

†*F. suspensa*. *Weeping Forsythia*. (L.) 8 ft. This variety has long, drooping branches, with bright yellow flowers early in April. Each 10  
3 to 4 ft. . . . . \$0 75 \$6 50  
2 to 3 ft. . . . . 60 5 00

†*F. suspensa fortunei*. *Fortune's Forsythia*. (L.) 8 ft. The upright branches of this shrub are covered with a profusion of rich yellow flowers and later by broad, deep green foliage. Each 10  
5 to 6 ft. . . . . \$1 25 \$10 00  
4 to 5 ft. . . . . 90 7 50  
3 to 4 ft. . . . . 75 6 00

†*F. viridissima*. *Greenstem Forsythia*. (M.) 10 ft. A more bushy shrub than the other varieties. Its foliage is rich green and it blooms less profusely and somewhat later than the other sorts. It is fine for prolonging the Forsythia season. Each 10  
4 to 5 ft. . . . . \$0 90 \$7 00  
3 to 4 ft. . . . . 75 6 00

HAMAMELIS

*Hamamelis vernalis*. *Vernal Witch-Hazel*. 6 ft. Attractive winter-blooming shrub with bright yellow flowers in January, February, or March, which are not injured by zero weather. Of unusual interest for its curious flowers and strange blooming season. Each 10  
3 to 4 ft. . . . . \$2 50 \$22 50

*H. virginiana*. *Common Witch-Hazel*. (L.) 10 ft. Another native shrub much like the hazel. Its queer yellow flowers appear in November after the leaves have fallen. Each 10  
4 to 5 ft. . . . . \$1 25 \$10 00  
3 to 4 ft. . . . . 90 8 00  
2 to 3 ft. . . . . 75 6 50

GENISTA

†*Genista tinctoria*. *Woadwaxen*. (M.) The pretty, golden yellow blossoms come in June and attract much attention when the plants are grown in masses. It is a very good shrub for rockeries and dry hills or where nothing else can be made to grow. Each 10  
2 to 3 ft. . . . . \$0 60 \$5 00

HIBISCUS SYRIACUS

Althaea; Rose of Sharon

These are sturdy, tree-like shrubs that wait until the others are through blooming and then they have the landscape to themselves to make it merry with their many flowers of pink, and white, and violet. Late July and August finds them at their best. They are splendid for backgrounds. 12 ft.

*Anemonaeflorus*. Double white flowers with a richly tinted center.

*Boule de Feu*. Semi-double, violet-red flowers.

*Coelestis*. Large, single, blue flowers in extravagant abundance.

*Duchesse de Brabant*. This double pink variety is needed in every collection.

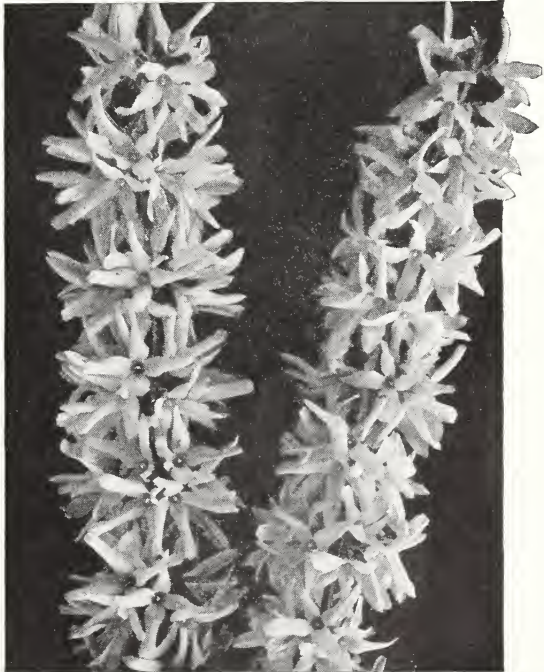
*Jeanne d'Arc*. A very strong-growing shrub, producing double white flowers.

*Lady Stanley*. One of the most attractive. Double, blush-white flowers, with a dark center.

*Rubis*. Single red.

*Snowstorm* (*Totus albus*). Single, pure white flowers. Dwarf, and makes a beautiful hedge.

Prices of above varieties, 3 to 4 ft., 75 cts. each, \$7 for 10



Beautiful yellow flowers of *Forsythia intermedia spectabilis*

### HYDRANGEA

The enormous production of big bold flowers and the long time they remain in attractive condition have earned the Hydrangeas an almost limitless popularity. Few plants are more satisfactory around homes and for display on large estates or parks.

†*Hydrangea arborescens. Tree-Hydrangea.* (L.) 10 ft. Strong, erect shrub, with large, broad leaves and flat heads of green-white flowers in early summer. A striking and picturesque plant of great usefulness. Each 10  
3 to 4 ft. . . . . \$0 90 \$8 00  
2 to 3 ft. . . . . 75 6 50

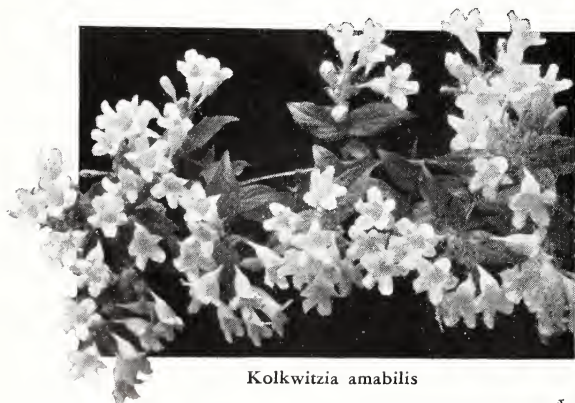
†*H. arborescens grandiflora. Snowhill Hydrangea.* 5 ft. Its large clusters of pure snow-white flowers, averaging 4 to 5 inches in diameter, appear from June to the middle of September. Suitable for shady as well as sunny positions. Few plants will bloom as well in shady places. Each 10  
3 to 4 ft. . . . . \$0 90 \$8 00  
2 to 3 ft. . . . . 75 6 50  
18 to 24 in. . . . . 60 5 00

†*H. paniculata. Panicked Hydrangea.* (L.) 8 ft. This is a form of the above with single flowers, and in many respects is a much more pleasing shrub, particularly for its gracefulness. Highly recommended in landscape planting. It blooms in September, in upright panicles, the flowers creamy white, later turning to shades of rose and purple. Each 10  
4 to 5 ft. . . . . \$1 25 \$11 00  
3 to 4 ft. . . . . 1 00 8 00

†*H. paniculata grandiflora. Peegee Hydrangea.* (L.) 12 ft. This variety is exceedingly well known, being in almost every garden. Its large, conical heads of white flowers become pink and red with age. It should have plenty of water, and be severely pruned every spring in order to produce large flowers. We offer it in both bush and tree form. Each 10  
Bush form, 3 to 4 ft. . . . . \$0 90 \$7 50  
2 to 3 ft. . . . . 65 5 50  
18 to 24 in. . . . . 60 5 00

†*H. paniculata grandiflora.* (Tree form.) Preceding variety trained into tree shape. Each 10  
3 to 4 ft. . . . . \$1 50 \$14 00

†*H. radiata. Silver-leaved Hydrangea.* (M.) 6 ft. The large, heart-shaped, bright green foliage of this variety is silvery beneath, and the contrasting colors are decidedly pleasing. The white flowers are borne in flat corymbs. Each 10  
2 to 3 ft. . . . . \$0 60 \$5 00



Kolkwitzia amabilis

### HYPERICUM • St. John's-Wort

*Hypericum aureum. Golden St. John's-Wort.* (S.) 3 ft. A showy shrub of stiff, dense habit which prefers moist soil. The golden yellow flowers are produced from August to October. Each 10  
2 to 2½ ft. . . . . \$0 90 \$7 50  
18 to 24 in. . . . . 75 6 00

*H. densiflorum.* (M.) 4 ft. A larger variety than the above, with bright yellow flowers from July to September. Each 10  
2 to 2½ ft. . . . . \$0 90 \$7 50  
18 to 24 in. . . . . 75 6 00

*H. patulum henryi. Henry Hypericum.* 3 ft. Dwarf, spreading shrub with large, showy golden yellow flowers in late summer. Fairly hardy. Each 10  
18 to 24 in. . . . . \$1 00 \$8 50  
15 to 18 in. . . . . 75 7 00

### ILEX • Holly

For other shrubs of this family, see Evergreen Shrub section.

†*Ilex verticillata. Common Winterberry.* (M.) 8 ft. A very ornamental shrub with upright branches and light green foliage. Its decorative scarlet berries remain until mid-winter. Each 10  
3 to 4 ft. . . . . \$1 25 \$11 00  
2 to 3 ft. . . . . 1 00 8 50

### KERRIA • Globe Flower

*Kerria japonica. Kerria; Globe Flower.* (D.) 3 ft. An erect, rather tall shrub with long, clean stems bearing single, five-petaled yellow flowers throughout the summer. Each 10  
2 to 3 ft. . . . . \$0 90 \$8 00  
18 to 24 in. . . . . 75 6 00

*K. japonica flore-pleno. Double Kerria.* (D.) 5 ft. Very double flowers which look like little balls of gold. This bush is more common than the single variety and enjoys the same treatment. It blooms constantly from June to September. Each 10  
2 to 3 ft. . . . . \$0 90 \$7 50  
18 to 24 in. . . . . 75 6 50

### KOLKWITZIA • Beauty Bush

*Kolkwitzia amabilis. Beauty Bush.* 8 ft. A handsome new shrub from Korea, hardy in New England, making long sprays of graceful foliage and completely buried in delicate pink flowers like tiny weigela blossoms, tinted with yellow in the throat. One of the finest modern introductions to the shrub list and rapidly becoming very popular. Each 10  
3 to 4 ft. . . . . \$4 50 \$42 00  
2 to 3 ft. . . . . 3 00 27 00  
18 to 24 in. . . . . 2 00 18 00

These are heavy, flowering plants.

### LESPEDEZA • Bush Clover

*Lespedeza formosa (sieboldi). Purple Bush Clover.* 3 ft. A very desirable plant for its long, drooping racemes of rosy purple flowers in September. The top of the plant dies to the ground in winter, and restores itself rapidly during the summer, producing flowers late in the season at a time when showy flowering shrubs are extremely scarce. Each 10  
3-yr. plants . . . . . \$0 75 \$7 00





LIGUSTRUM • Privet

It seems unnecessary to expatiate upon the merits of Privet. Everybody knows what handsome hedges and screens this valuable group of plants can make when properly planted and trimmed. They grow vigorously in almost any situation, even in fairly dense shade and places where the soil seems always dry and barren.

The plants of the varieties Ibota, Regelianum, and Vulgare are frequently used as shrubs in borders of flowering shrubs and are very effective.

†**Ligustrum amurense. Amur Privet.** 12 ft. A tall-growing, upright shrub with dark green, lustrous leaves and white flowers like bunches of little white lilacs. Perfectly hardy. This plant has been used for hedges to a tremendous extent in the past few years and has given general satisfaction. It also forms an excellent quick-growing screen.

	Each	10	100
5 to 6 ft. . . . .	\$0 90	\$6 00	
4 to 5 ft. . . . .	75	5 00	\$39 00
3 to 4 ft. . . . .	60	3 50	24 00
2 to 3 ft. . . . .	40	2 50	18 00

†**L. ibolium. Ibolium Privet.** (L.) 8 ft. This is a new hardy Privet, a hybrid between *L. ibota* and *L. ovalifolium*, having the rich, glossy green leaves of the latter and the bushiness and hardness of the former. It is becoming more popular for hedge planting each year, and makes an excellent specimen, almost evergreen shrub in difficult locations.

	Each	10	100
4 to 5 ft. . . . .	\$0 75	\$5 00	
3 to 4 ft. . . . .	50	4 00	\$27 00
2 to 3 ft. . . . .	40	2 50	18 00

†**L. ibota. Ibota Privet.** (L.) 8 ft. One of the hardest and most graceful sorts. It has spreading, curving branches, grayish green leaves, and fragrant white flowers in June, followed by black berries. Useful for specimens or hedges.

	Each	10	100
4 to 5 ft. . . . .	\$0 60	\$5 00	
3 to 4 ft. . . . .	50	4 50	\$27 00
2 to 3 ft. . . . .	40	3 00	18 00

†**L. ibota regelianum. Regel Privet.** (M.) 5 ft. A low, absolutely hardy shrub, with almost horizontal branches. It is graceful and sufficiently dense for hedges without trimming.

	Each	10	100
2½ to 3 ft. . . . .	\$0 70	\$6 00	
2 to 2½ ft. . . . .	60	5 00	\$39 00
18 to 24 in. . . . .	50	4 00	33 00

†**CALIFORNIA PRIVET** (*Ligustrum ovalifolium*). (L.) 12 ft. This very handsome shrub is of stiff, upright habit. It transplants easily and is most useful for shrubbery, screens, or hedges.

	Each	10	100
3 to 4 ft. . . . .	\$0 30	\$2 20	\$14 00
2 to 3 ft. . . . .	25	1 80	12 00
18 to 24 in. . . . .	20	1 50	10 00

Our Privet is heavy transplanted stock, bushy tops and roots

†**L. vulgare. European Privet.** (L.) 15 ft. Very hardy. It has grayish green foliage, white flowers in June followed by ornamental clusters of shining black berries.

	Each	10	100
4 to 5 ft. . . . .	\$0 75	\$6 00	\$50 00
3 to 4 ft. . . . .	50	4 00	33 00

LONICERA • Bush Honeysuckle

Graceful shrubs with interesting foliage and habit, charming flowers which in many cases are very fragrant, and delightful berries. The climbing Honeysuckles will be found under *Lonicera* in the section devoted to Vines and Climbing Plants.

§†**Lonicera bella albida. White Belle Honeysuckle.** (M.) 10 ft. A strong, rapidly growing shrub, bearing a profusion of white flowers and scarlet fruits.

	Each	10
5 to 6 ft. . . . .	\$0 90	\$7 50
4 to 5 ft. . . . .	75	6 50
3 to 4 ft. . . . .	60	5 00

§**L. fragrantissima. Winter Honeysuckle.** (M.) 6 ft. This strong-growing bush reaches a height of 8 feet, with very fragrant, creamy white flowers in early spring.

	Each	10
3 to 4 ft. . . . .	\$0 90	\$7 50
2 to 3 ft. . . . .	75	6 00

**L. maackii. Amur Honeysuckle.** 10 ft. A very large and attractive shrub with grayish foliage and graceful branches. Very handsome as a specimen and a very quick-growing subject for the shrub-border. Scarlet berries.

	Each	10
3 to 4 ft. . . . .	\$1 00	\$8 00
2 to 3 ft. . . . .	75	6 50

**L. maackii podocarpa. Late Honeysuckle.** 8 ft. A somewhat dwarfier and more spreading type of handsome form. Very showy when in fruit.

	Each	10
3 to 4 ft. . . . .	\$1 25	\$11 00
2 to 3 ft. . . . .	1 00	8 00

§†**L. morrowi. Morrow's Honeysuckle.** (L.) 12 ft. A shrub with wide-spreading branches and leaves which are dark green above and grayish beneath. The creamy white flowers in May and June are followed by bright red fruits ripening in August and lasting until late in the fall. Very decorative.

	Each	10
4 to 5 ft. . . . .	\$0 75	\$6 00
3 to 4 ft. . . . .	60	5 00
2 to 3 ft. . . . .	50	4 00

§†**L. ruprechtiana. Manchurian Honeysuckle.** (L.) 12 ft. Another particularly desirable shrub because of its yellowish white flowers in June, and showy red fruit in autumn. It grows 12 feet high and has attractive and graceful habit with an abundance of dark green foliage that is grayish beneath.

	Each	10
4 to 5 ft. . . . .	\$0 75	\$6 00
3 to 4 ft. . . . .	60	5 00

§†**L. tatarica. Tatarian Honeysuckle.** (L.) 10 ft. A big, graceful bush that bears a profusion of pink flowers in June, which show up well against the foliage. These are followed by an abundance of light red berries. It flourishes in partial shade.

	Each	10
4 to 5 ft. . . . .	\$0 75	\$6 00
3 to 4 ft. . . . .	60	4 50

§†**L. tatarica alba. White Tatarian Honeysuckle.** (L.) 10 ft. Similar to *L. tatarica*, but has large, pure white flowers followed by an abundance of crimson fruits.

	Each	10
4 to 5 ft. . . . .	\$0 75	\$6 00
3 to 4 ft. . . . .	60	5 00

†**L. tatarica grandiflora rosea.** (L.) 10 ft. Flowers somewhat larger than the preceding, delicately tinted pink with deeper edges.

	Each	10
4 to 5 ft. . . . .	\$0 75	\$6 00

## PHILADELPHUS • Mock Orange

For some curious reason the Philadelphuses were confused a long time ago with the Syringas, which is the proper name of the lilacs, and many people still refer to the old-fashioned Mock Orange as Sweet Syringa. But whatever their name they are charming shrubs, with deliciously fragrant flowers, for most part, and deserve an honored place in every shrub collection.

†**Philadelphus coronarius. Sweet Syringa.** (L.) 10 ft. This tall-growing shrub, with upright branches, has a great profusion of pure white, delightfully fragrant flowers in June and handsome, dark green foliage. It makes a good hedge even in partly shady places and has long been popular.

	Each	10
5 to 6 ft. . . . .	\$0 90	\$7 50
4 to 5 ft. . . . .	75	6 00
3 to 4 ft. . . . .	60	4 50

**P. coronarius aureus. Golden Mock Orange.** (D.) 6 ft. A graceful, dwarf variety, with bright yellow foliage which retains its color throughout the season, making it very effective for contrast in shrubby plantings.

	Each	10
18 to 24 in. . . . .	\$0 90	\$8 00
15 to 18 in. . . . .	75	7 00

**P. coronarius nana. (D.) 5 ft.** A dwarf variety with attractive green foliage.

	Each	10
18 to 24 in. . . . .	\$0 90	\$8 00
15 to 18 in. . . . .	75	7 00

**P. coronarius speciosissimus. Roundleaf Mock Orange.** 8 ft. A smaller bush than the

common Mock Orange, with dense foliage. White flowers, June, July.

	Each	10
4 to 5 ft. . . . .	\$0 90	\$8 00
3 to 4 ft. . . . .	75	6 50

†**P. gordonianus. Gordon Mock Orange. (L.)** 10 ft. Very rapid-growing variety with grayish brown branches and large, pure white flowers that come later than the other sorts.

	Each	10
4 to 5 ft. . . . .	\$0 75	\$6 50
3 to 4 ft. . . . .	60	5 00

†**P. grandiflorus. Big Scentless Mock Orange.** (L.) 10 ft. A vigorous variety, with large, white, showy flowers in June. It grows rapidly although its branches are somewhat straggling.

	Each	10
5 to 6 ft. . . . .	\$0 90	\$6 00
4 to 5 ft. . . . .	75	5 00
3 to 4 ft. . . . .	60	4 00

### Hybrid Varieties of Mock Orange

These comprise some of the finest highly developed sorts that have come from the hands of the famous Lemoine of France. They are great improvements over the old types, and need only to be better known to be universally admired.

**Avalanche. (M.) 6 ft.** A very handsome shrub, with slender, drooping branches covered almost the whole length with showy white flowers, whereby it justifies its name.

	Each	10
2 to 3 ft. . . . .	\$0 75	\$6 00

**Avalanche Flore-Plena.** A double-flowering form.

	Each	10
2 to 3 ft. . . . .	\$0 75	\$6 00

**Brachybotrys.** A new hybrid with tall stems covered by large, pure white flowers produced in extra large, showy clusters.

	Each	10
3 to 4 ft. . . . .	\$1 50	\$14 00

**Lemoine. (M.) 6 ft.** This choice variety produces fragrant, pure white flowers in clusters in June. It is very desirable for shrub plantings.

	Each	10
3 to 4 ft. . . . .	\$0 90	\$7 50

**Mont Blanc. (D.) 4 ft.** Charming dwarf sort, with very large, fragrant flowers, produced in great abundance. This would be a good variety with which to begin a collection of Philadelphuses.

	Each	10
4 to 5 ft. . . . .	\$1 00	\$9 00
3 to 4 ft. . . . .	90	7 50
2 to 3 ft. . . . .	75	6 00

†**Virginal. 8 ft.** A handsome, erect shrub which covers itself with very large semi-double flowers in June and continues to bloom at the tips of the new shoots all summer and fall. Next to the fragrant old-time *P. coronarius*, it is the favorite of all lovers of these beautiful shrubs. We do not hesitate to recommend this variety to everyone.

	Each	10
3 to 4 ft. . . . .	\$1 25	\$10 00
2 to 3 ft. . . . .	1 00	8 00



Philadelphus, Virginal



MYRICA • Wax Myrtle

§*Myrica carolinensis*. *Northern Bayberry*. (M.) A low, spreading native shrub which thrives in sandy places. It is a sub-evergreen, much admired for its dark green, fragrant foliage. The flowers are inconspicuous, but are followed by charming white, waxy berries. A most desirable native shrub.

	Each	10
18 to 24 in. . . . .	\$1 00	\$8 00
15 to 18 in. . . . .	75	6 50
12 to 15 in. . . . .	60	5 00

POTENTILLA

*Potentilla fruticosa*. *Shrubby Cinquefoil*. (M.) 3 ft. A smallish shrub producing numerous, bright yellow flowers throughout the summer. It thrives in either dry or wet soil and is excellent for rockeries.

	Each	10
2 to 3 ft. . . . .	\$0 90	\$7 50
18 to 24 in. . . . .	75	6 50

PRUNUS • Plum, Cherry, Almond

This is a group of delightful early-flowering shrubs and small trees beaming with beauty and cheerfulness. Their earliness commends them to all discriminating planters. Certain tree-forms will be found under "Deciduous Trees."

*Prunus glandulosa rosea*. *Double Pink-flowering Almond*. (M.) 8 ft. Produces very double, rose-colored flowers in great profusion in the spring. One of the most charming old-fashioned early-flowering shrubs.

	Each	10
3 to 4 ft. . . . .	\$1 25	\$10 00
2 to 3 ft. . . . .	1 00	8 00

*P. glandulosa sinensis*. *Double White-flowering Almond*. (M.) 8 ft. Similar to the pink variety but produces an abundance of double white flowers in May.

	Each	10
3 to 4 ft. . . . .	\$1 25	\$10 00

§*P. maritima*. *Beach Plum*. (S.) A handsome thorny plant, of picturesque growth and spectacularly beautiful when covered with its billows of shining white flowers in early spring. Desirable shrub for seaside planting and bleak situations. It grows much taller inland and frequently becomes a small tree in favorable situations.

	Each	10
2 to 3 ft. . . . .	\$0 90	\$7 50

*P. tomentosa*. *Nanking Cherry*. (M.) 8 ft. Erect, straight-branched shrubs, each twig buried in small white flowers in May. Most showy and attractive. The red fruits which follow are edible.

	Each	10
3 to 4 ft. . . . .	\$1 25	\$11 00
2 to 3 ft. . . . .	1 00	8 50

*P. triloba*. *Flowering Plum*. (M.) 8 ft. A vigorous shrub, having broad, pointed leaves and delightful light pink, double flowers in early spring.

	Each	10
4 to 5 ft. . . . .	\$1 25	\$11 00
3 to 4 ft. . . . .	1 00	9 00

†*P. virginiana*. *Common Choke Cherry*. 30 ft. (L.) Bush or small tree, with rough speckled bark. The fragrant flowers appear in the spring with the leaves in long finger-like racemes, and are followed by red fruit in the summer.

	Each	10
3 to 4 ft. . . . .	\$0 60	\$5 00

PHYSOCARPUS

*Physocarpus monogynus*. (S.) 3 ft. A dwarfish Ninebark with charming clustered flowers on a bush of dense, rather dwarf habit.

	Each	10
2 to 3 ft. . . . .	\$0 75	\$6 00

†*P. opulifolius*. *Common Ninebark*. (L.) 14 ft. Strong-growing shrub with white flowers along the stems, from which the bark hangs in long shreds and strips. A splendid plant for shady places.

	Each	10
5 to 6 ft. . . . .	\$0 75	\$6 00
4 to 5 ft. . . . .	60	5 00
3 to 4 ft. . . . .	50	4 00

†*P. opulifolius aureus*. *Goldleaf Ninebark*. (L.) 14 ft. Similar to *P. opulifolius*, but has bright yellow foliage.

	Each	10
5 to 6 ft. . . . .	\$0 75	\$6 00
4 to 5 ft. . . . .	60	5 00
3 to 4 ft. . . . .	50	4 00

RHODOTYPOS

†*Rhodotypos kerrioides*. *Jethead*. (M.) 5 ft. A bushy shrub from Japan, bearing snowy white flowers in May, followed by shining black berries. It strongly resembles *Kerria japonica* in all but the color of its flowers. Grows in all soils and in shady places.

	Each	10
3 to 4 ft. . . . .	\$0 90	\$8 00
2 to 3 ft. . . . .	75	6 00

RHUS • Sumac

A family of rather curious, big shrubs that deserves notice wherever boldness and decisiveness of effect are wanted.

†*Rhus canadensis*. *Fragrant Sumac*. (M.) 5 ft. A spreading shrub with clusters or short spikes of small yellow flowers before the leaves. The thick, fragrant foliage turns crimson in autumn.

	Each	10
3 to 4 ft. . . . .	\$1 25	\$10 00
2 to 3 ft. . . . .	1 00	9 00
18 to 24 in. . . . .	90	7 50

*R. copallina*. *Shining Sumac*. (M.) 8 ft. A large shrub or small tree with compound, dark, glossy foliage and dense clusters of scarlet fruits in autumn. Succeeds on dry banks and is very handsome.

	Each	10
3 to 4 ft. . . . .	\$1 00	\$8 00
2 to 3 ft. . . . .	90	7 50

*R. cotinus*. *Common Smoke Tree*. (L.) 12 ft. A much admired shrub for its clouds of purplish misty flowers borne in early June. In the fall the leaves change to brown, red, and yellow.

	Each	10
3 to 4 ft. . . . .	\$1 25	\$10 00

†*R. glabra*. *Smooth Sumac*. (L.) 10 ft. This large shrub has smooth bark and attractive crimson seeds and foliage in autumn. Excellent for group planting and mass effects.

	Each	10
5 to 6 ft. . . . .	\$0 90	\$7 50
4 to 5 ft. . . . .	75	6 00
3 to 4 ft. . . . .	60	5 00

†*R. typhina*. *Staghorn Sumac*. (L.) 20 ft. A bold tree-like shrub with velvety hairy stems and tropical-looking foliage which turns brilliant scarlet in the fall. Its pointed heads of crimson berries persist all winter. Thrives in poor, rocky soil. Especially fine for hillside planting.

	Each	10
5 to 6 ft. . . . .	\$0 90	\$7 50
4 to 5 ft. . . . .	75	6 00
3 to 4 ft. . . . .	60	5 00

## ROSA · Wild Roses or Rose Species

The Wild Roses surely merit the attention of everyone. Their delicate fragrance and the fragile beauty of their flowers are one of the most beautiful things in Nature. They vary widely in their habits, from erect, almost climbing plants like *Rosa setigera* and *R. multiflora*, to flat, almost evergreen creepers like *R. wichuraiana*. The Rugosas are especially fine for bold masses, even on the seashore; and a few Sweetbriers should be intermingled in every shrub planting for the delicious fragrance of their leaves when wet with dew or rain.

§*Rosa blanda. Meadow Rose. (M.)* 5 ft. A slender, erect, red-branched, almost thornless variety, with thin, pale green foliage and single flowers of bright pink, in clusters in May. The stems and red berries are very bright against the winter snow. Each 10  
2 to 3 ft. . . . . \$0 75 \$6 00

*R. hugonis. Father Hugo's Rose.* 6 ft. This big, arching shrub, with spiny stems, blooms very early in May, in long garlands of bright yellow, single flowers which are followed by red, translucent fruits. The best single yellow Rose for shrub use and especially in the background of the rock garden. Give it a warm, sunny exposure to induce it to flower early. The plant is perfectly hardy. Each 10  
2-yr. . . . . \$1 25 \$11 00

§†*R. lucida. Virginia Rose. (D.)* 4 ft. A dwarf native variety, with prickly stems, dark green leaves, and single, rosy pink flowers about 2 inches across. It does well on poor soil and is often used for roadside edging. Each 10  
2 to 3 ft. . . . . \$0 75 \$6 00  
18 to 24 in. . . . . 60 5 00

§*R. multiflora japonica. Japanese Rose. (L.)* 10 ft. A Japanese native of rapid growth, forming a round, drooping shrub of fine proportions when standing alone; its proper place, however, is mixed with other shrubbery. Its bunches of single, pure white flowers which look like clustered blackberry blossoms, are produced in great quantities, and are followed by handsome sprays of small scarlet fruits. Each 10  
3 to 4 ft. . . . . \$0 60 \$5 00  
2 to 3 ft. . . . . 50 4 00

§†*R. nitida. Bristly Rose. (D.)* 3 ft. A very dwarf, erect plant whose branches are completely covered with straight prickles and bristles. The foliage is bright green and very glossy, and the very fragrant flowers are bright pink. Each 10  
2 to 3 ft. . . . . \$0 60 \$5 50  
18 to 24 in. . . . . 50 4 50

†*R. palustris. Swamp Rose. (L.)* 6 ft. The tall-growing wild Rose, with single pink flowers produced during the summer months. Its bright red fruit is very showy. This variety is especially adapted to damp ground. Each 10  
2 to 3 ft. . . . . \$0 60 \$5 50  
18 to 24 in. . . . . 50 4 00

§†*R. rubiginosa. Sweetbrier Rose. (L.)* 6 ft. A well-known variety with delicately fragrant foliage and small, pink, fragrant flowers, followed by quantities of bright fruit. It is especially good in a mixed border where its slender sprays of pretty leaves arch above the lower shrubs. Each 10  
3 to 4 ft. . . . . \$0 75 \$6 00  
2 to 3 ft. . . . . 60 5 00

§*R. rubrifolia. Red-leaved Rose. (L.)* 6 ft. Slender, erect, purplish branches, covered with a bluish bloom. The foliage is bluish green, tinged with red, and is very effective as a colored shrub. Its flowers are tiny and very vivid pink, sparkling like stars. Each 10  
3 to 4 ft. . . . . \$0 90 \$7 50

§†*Rosa rugosa. Rugosa Rose. (L.)* 5 ft. A stout, upright shrub, 5 feet high, densely covered with prickles, and having bold, wrinkled foliage, immune to insects and disease. The flowers are very large, single, usually purplish red, and very fragrant, followed by crimson-scarlet fruit. Each 10 100  
2 to 3 ft. . . . . \$0 60 \$5 00 \$39 00  
18 to 24 in. . . . . 50 4 50 33 00

§†*R. rugosa alba. White Rugosa Rose. (L.)* 5 ft. The habit and foliage are similar to the preceding, but the fragrant flowers are pure white. Makes a splendid hedge, particularly at the seashore. Each 10  
18 to 24 in. . . . . \$0 60 \$5 00

†*R. setigera. Prairie Rose. (L.)* 8 ft. Large, single flowers of deep rose-color. It is a straggly climber, and when trained over the veranda of a rustic cottage, it makes a beautiful display. Especially handsome on stone piles or walls, and in a fence corner. Each 10  
3 to 4 ft. . . . . \$0 60 \$4 50  
2 to 3 ft. . . . . 50 4 00

*R. spinosissima. Scotch Rose.* 3 ft. A low-growing, very spiny bush, covered in spring with a mass of small, single white flowers. Each 10  
18 to 24 in. . . . . \$0 75 \$6 50

†*R. wichuraiana. Memorial Rose. (D.)* Trailer. Used extensively for covering embankments and stonework, as it creeps rapidly over the surface, forming a mat of glossy foliage. The flowers are pure white, borne in clusters late in the season. Each 10 100  
4-yr. . . . . \$0 90 \$7 50 \$66 00  
3-yr. . . . . 75 6 00 48 00  
2-yr. . . . . 60 4 50 42 00



*Rosa hugonis*





RHAMNUS . Buckthorn

§*Rhamnus cathartica*. *Common Buckthorn*. (M.) 10 ft. Fine spiny shrub, with dark green foliage, white flowers, and small fruits. An excellent hedge plant that thrives in partial shade. Each 10  
3 to 4 ft. . . . . \$0 60 \$5 00  
2 to 3 ft. . . . . 50 3 60

*R. frangula*. *Glossy Buckthorn*. A handsome shrub or small tree 12 feet high with dark glossy foliage and glittering red fruit which later turns black. Very hardy and persistent. Each 10  
5 to 6 ft. . . . . \$0 90 \$7 50  
4 to 5 ft. . . . . 75 6 00

RHODORA

*Rhodora canadensis*. *Rhodora*. (D.) 3 ft. Very closely related to the azaleas, which it resembles, this dwarf shrub is covered with rosy purple flowers appearing in May. In the wild it grows in moist places but it does well in drier locations. It blooms at the same time as *Azalea vaseyi*. Each 10  
18 to 24 in. . . . . \$3 00 \$27 00  
15 to 18 in. . . . . 2 00 18 00

ROBINIA

*Robinia hispida*. *Rose Acacia*. (M.) 6 ft. Highly ornamental shrub, bearing drooping clusters of beautiful rose-colored flowers, like pea-blossoms, on long stems during May and June. Especially attractive in large masses. Will grow in any soil. Each 10  
3 to 4 ft. . . . . \$1 00 \$9 00  
2 to 3 ft. . . . . 75 6 50

RUBUS

*Rubus odoratus*. *Flowering Raspberry*. (M.) 4 ft. A low shrub with very large foliage and showy rosy purple blossoms in clusters, followed by large, flattish red fruits. Excellent for massing under trees and on steep banks. Each 10  
2 to 3 ft. . . . . \$0 50 \$4 00

SAMBUCUS . Elder

†*Sambucus canadensis*. *American Elder*. (L.) 8 ft. A well-known, very hardy native shrub with big, light green foliage, flat heads of creamy white flowers of the utmost daintiness and charm in June and July, followed by reddish purple berries which are excellent for pies and other uses. Each 10  
3 to 4 ft. . . . . \$0 60 \$5 00  
2 to 3 ft. . . . . 50 4 00

*S. canadensis acutiloba*. *Cut-leaved Elder*. 10 ft. A very handsome type of the foregoing, with finely cut foliage and excellent habit. Distinct. Each 10  
4 to 5 ft. . . . . \$0 90 \$7 50  
3 to 4 ft. . . . . 75 6 50

*S. nigra aurea*. *Golden European Elder*. 15 ft. (L.) One of the best of the yellow foliage shrubs if grown in full sunlight. Each 10  
3 to 4 ft. . . . . \$0 75 \$6 00  
2 to 3 ft. . . . . 60 5 00

*S. racemosa*. *European Red Elder*. A very vigorous 12-foot shrub with large leaves, cream-yellow flowers, and scarlet berries. Showy and desirable border shrub. Each 10  
4 to 5 ft. . . . . \$1 25 \$11 00  
3 to 4 ft. . . . . 1 00 9 00

SPIRAEA

A vast and important family of extraordinarily beautiful shrubs. All have great charm of foliage and the profusion of flowers they produce is remarkable. The famous Bridal Wreath is familiar to everybody; and there are other sorts just as charming, with different seasons of bloom and unusual diversity of habit. We recommend them highly.

†*Spiraea arguta*. *Garland Spirea*. (M.) 6 ft. The best early-flowering Spirea, producing, in May, sheets of flowers like drifts of snow across the border. Very hardy and beautiful, and we consider it one of the best of the very early-flowering shrubs. Each 10  
5 to 6 ft. . . . . \$0 90 \$7 50  
4 to 5 ft. . . . . 75 6 00  
3 to 4 ft. . . . . 60 5 00

†*S. bumalda*. *Bumalda Spirea*. (D.) 5 ft. A very different bushy, dwarf plant, with large, flat heads of rosy pink flowers in great profusion from July until frost. Especially good for low masses. Each 10  
2 to 2½ ft. . . . . \$0 75 \$6 50  
18 to 24 in. . . . . 60 5 00

†*S. bumalda*, Anthony Waterer. *Anthony Waterer Spirea*. (S.) 3 ft. An improved form of *S. bumalda*. A very free-blooming, compact shrub, with bright crimson flowers in broad, flat heads. The foliage is often variegated with crimson, white, and yellow, especially in spring, and sometimes tinted with pink. Makes a desirable low hedge. Each 10  
2 to 2½ ft. . . . . \$0 60 \$5 00  
18 to 24 in. . . . . 50 4 50

†*S. bumalda froebeli*. *Froebel's Spirea*. (S.) 4 ft. Similar to Anthony Waterer but grows taller and less compact, bearing bright crimson flowers over a long period. An effective plant for broad low masses of subdued color. Each 10  
3 to 4 ft. . . . . \$0 75 \$6 50  
2 to 3 ft. . . . . 60 4 50

†*S. henryi*. *Henry's Spirea*. (M.) 8 ft. Handsome, rather grayish shrub with rounded clusters of small, creamy white flowers in the manner of Van Houtte's Spirea, but it is a larger plant, and blooms a little later in the season. Each 10  
3 to 4 ft. . . . . \$1 75 \$16 00

†*S. japonica ovalifolia*. *White Japanese Spirea*. (D.) 3 ft. This delightful, dwarf white-flowering shrub is of bushy, symmetrical form, suitable for hedges or borders. Each 10  
2 to 3 ft. . . . . \$0 60 \$5 00  
18 to 24 in. . . . . 50 4 00

*S. prunifolia*. *Bridal Wreath*. (M.) 6 ft. Graceful shrub, with fine, tiny double white flowers in great masses along the stems in May. This is a very well-known and long popular plant, as the common name indicates. Lately there has been a tendency to apply the name Bridal Wreath to *S. vanhouttei* which has become much more common. Each 10  
4 to 5 ft. . . . . \$1 00 \$8 00  
3 to 4 ft. . . . . 75 6 50

*S. reevesiana*. *Reeves' Spirea*. (M.) 6 ft. Noted for its dark green narrow foliage which is pale bluish green beneath, and its large pure white flowers. Similar to *S. vanhouttei* except that its leaves turn scarlet in the autumn. Each 10  
3 to 4 ft. . . . . \$0 60 \$5 50  
*S. sorbifolia*. See *Sorbaria*.

**Spiraea superba. Striped Spirea. (D.)** 4 ft. Quite dwarf, with striped, dark brown stems and pinkish white flowers through June and July. 

Each	10
2 to 3 ft.	\$0 60 \$4 50
18 to 24 in.	50 3 50

†**S. thunbergi. Thunberg's Spirea. (M.)** 5 ft. Of especially graceful habit, growing about 5 feet tall, and bearing abundant small white flowers in May. Extensively used in shrub borders, because of its very early bloom and its fine feathery foliage which turns orange and scarlet in autumn. 

Each	10
3 to 4 ft.	\$0 90 \$7 50
2 to 3 ft.	75 6 00

†**S. trichocarpa. Korean Spirea. (L.)** 8 ft. A spreading, arching shrub bearing mounded clusters of snowy flowers in the manner of Van Houtte's but larger, broader, and blooms later. A very new variety recently brought from Korea and a welcome member of this interesting group of shrubs. 

Each	10
3 to 4 ft.	\$1 50 \$13 50
2 to 3 ft.	1 25 10 00

†**S. vanhouttei. Van Houtte's Spirea. (L.)** 8 ft. The finest of all Spireas. Its gracefully arching branches are covered in June with beautiful bunches of tiny white flowers. When out of flower its handsome bluish green foliage makes it very desirable. 

Each	10	100
5 to 6 ft.	\$1 00 \$8 50	
4 to 5 ft.	90 6 00	
3 to 4 ft.	75 5 00 \$33 00	
2 to 3 ft.	50 4 00 30 00	

### SORBARIA

**Sorbaria sorbifolia. Ural False Spirea. (M.)** 5 ft. A Spirea-like shrub, and often called *Spiraea sorbifolia*. Fine for naturalizing because of its suckering, spreading habit. Flowers small, white, in immense, upright sprays, like an astilbe. 

Each	10
3 to 4 ft.	\$0 60 \$5 00
2 to 3 ft.	50 4 00

### STEPHANANDRA

**Stephanandra flexuosa. Cutleaf Stephanandra. (M.)** 3 ft. A beautiful Japanese shrub, closely allied to the spireas, of fountain-like habit, with graceful, spreading and drooping branches, and handsome, deeply cut foliage. In June its pure white flowers appear in panicle racemes. A valuable subject for shrubberies and rocky banks. 

Each	10
2 to 3 ft.	\$0 60 \$5 00

### SYMPHORICARPOS

†**Symphoricarpos chenaulti.** 5 ft. A bushier variety than the Common Snowberry, covered with light pink berries in summer and autumn. The foliage is extremely graceful and the habit so neat that it will make a charming hedge without shearing or pruning. 

Each	10
3 to 4 ft.	\$1 25 \$10 00
2 to 3 ft.	1 00 9 00

†**S. racemosus. Common Snowberry. (M.)** 5 ft. A fine, bushy shrub with very decorative leaves and slender branches which bend gracefully under a load of white, waxy berries, in autumn. It flourishes in partial shade. 

Each	10
3 to 4 ft.	\$0 75 \$6 00
2 to 3 ft.	60 4 50

†**Symphoricarpos vulgaris. Coralberry. (M.)** 5 ft. Of more compact growth than the former. The flowers are greenish red and are followed by dark, purplish red berries in clusters. Excellent for massing on hillsides and rough places, or in partial shade. 

Each	10
3 to 4 ft.	\$0 60 \$4 50
2 to 3 ft.	50 4 00

### SYRINGA • Lilac

Again we come upon a family of shrubs too familiar to require description; but who could describe their charm and beauty anyway? There's a nobility and a haunting aura of romance and memory about the Lilacs that make them almost enchanted things. They are a necessary part of every planting.

**Syringa chinensis. Chinese Lilac. (M.)** 12 ft. This variety grows about 12 feet high and resembles the Persian Lilacs in its large, open heads of violet-blue flowers which appear in June. One of the finest of the Lilac species. 

Each	10
4 to 5 ft.	\$1 50 \$14 00
3 to 4 ft.	1 25 11 00
2 to 3 ft.	90 8 00

**S. josikaea. Hungarian Lilac. (L.)** 12 ft. A sturdy, vigorous shrub with tree-like growth, dark, shining leaves, and bluish purple flowers in June. It is especially valuable for its late bloom which prolongs the Lilac season. 

Each	10
4 to 5 ft.	\$1 50 \$13 50
3 to 4 ft.	1 00 9 00

**S. persica. Persian Lilac. (M.)** 8 ft. One of the famous Lilacs with arching branches and very fragrant, pale purple flowers in rather loose, broad panicles, opening late in the spring. 

Each	10
4 to 5 ft.	\$1 50 \$13 50
3 to 4 ft.	1 00 9 00

**S. persica alba. White Persian Lilac.** 8 ft. Pretty white variety exactly like the Persian, except in its spotless color. 

Each	10
2 to 3 ft.	\$0 90 \$7 50

†**S. villosa. Late Lilac. (L.)** 18 ft. A stout-branched shrub with bright green foliage like that of the white fringe tree. The flowers, which are borne in panicles, are light purple in bud, rosy white when open, and very fragrant. Valuable for late and protracted blooming. 

Each	10
5 to 6 ft.	\$2 00 \$18 00
4 to 5 ft.	1 50 14 00
3 to 4 ft.	1 25 11 00

†**S. vulgaris. Common Lilac. (L.)** 12 ft. The best known of all Lilacs. It is a strong, vigorous, upright shrub, with rich, dark green foliage and large clusters of very fragrant purplish flowers in May. A desirable plant for a flowering hedge or large masses. Everybody knows and loves it. 

Each	10	100
4 to 5 ft.	\$1 75 \$16 00	
3 to 4 ft.	1 25 11 00 \$100 00	
2 to 3 ft.	1 00 9 00 80 00	

†**S. vulgaris alba. Common White Lilac. (L.)** 12 ft. Similar to *S. vulgaris*, with white flowers a week earlier than those of any other variety. Is also desirable for a flowering hedge or bold clump. 

Each	10
3 to 4 ft.	\$1 25 \$11 00
2 to 3 ft.	1 00 9 00





There is a haunting fragrance and a romantic charm about Lilacs that lifts them from the list of ordinary shrubs

HYBRID LILACS

To those of us who were for a long time familiar with only the white and purple kinds of old door-yards, the hybrid double and improved varieties seem too splendid to be true. Unlike the old sorts, they bloom when very small plants and can be kept in fairly limited space so it is a very tiny garden indeed that cannot find room for a really representative collection of these splendid Lilacs.

- Alphonse Lavallee.** Double, pale bluish lilac flowers of medium size in handsome, compact pointed clusters.  
Each 10  
3 to 4 ft. . . . . \$2 00 \$18 00
- Berryer.** Semi-double, irregular flowers with curled and twisted petals of clear lilac-purple, borne in extra-long trusses somewhat like those of the Hyacinthiflora type.  
Each 10  
2 to 3 ft. . . . . \$2 00 \$18 00
- Buffon.** Single, reflexed flowers of light mauve-pink, borne in irregular, long clusters. Of the Hyacinthiflora type.  
Each 10  
2 to 3 ft. . . . . \$2 00 \$18 00
- Charles Joly.** Double, dark purple-red flowers in handsome, compact trusses.  
Each 10  
3 to 4 ft. . . . . \$2 00 \$18 00  
2 to 3 ft. . . . . 1 50 14 00
- Charles X.** Single flowers of glowing red-violet, borne in large, loose panicles in great abundance. A valuable old variety.  
Each 10  
3 to 4 ft. . . . . \$1 75 \$16 00  
2 to 3 ft. . . . . 1 50 14 00
- Claude Bernard.** Large, double or semi-double flowers of bright, grayish lilac, marked with bluish lavender in the center. Quick growing and produces enormous trusses.  
Each 10  
3 to 4 ft. . . . . \$2 25 \$21 00  
2 to 3 ft. . . . . 1 75 16 00

- Edith Cavell.** Extra-large, double flowers varying from creamy yellow in the bud to pure snow-white when wide open. Clusters are broad and long, loose and graceful. One of the handsomest white varieties.  
Each 10  
2 to 3 ft. . . . . \$2 00 \$18 00
- Edouard Andre.** Medium-sized, double flowers in open, pointed, very much-branched clusters. Deep reddish purple in bud, opening to clear old-rose-pink, much lighter in the center of the flower.  
Each 10  
2 to 3 ft. . . . . \$2 00 \$18 00
- Emile Gentil.** Large, double, camellia-shaped flowers in dense, short clusters, grayish lavender on the outside and strong blue-violet within, slightly streaked with white.  
Each 10  
2 to 3 ft. . . . . \$2 00 \$18 00  
18 to 24 in. . . . . 1 75 16 00
- Hugo Koster.** Large, single flowers in loose, open clusters, deep red-purple in the bud, varying to orchid and lavender when fully open. An extremely handsome variety.  
Each 10  
3 to 4 ft. . . . . \$2 00 \$18 00  
2 to 3 ft. . . . . 1 50 14 00
- Katherine Havemeyer.** Giant, double flowers of exquisite shape, borne in big, interrupted clusters with unusual freedom. Pale lilac in bud, opening to bluish lilac of a most delicate shade, tinged slightly darker, an effect almost white.  
Each 10  
2 to 3 ft. . . . . \$3 00 \$27 00



### HYBRID LILACS, continued

**Jan van Tol.** Giant, single flowers of intense fragrance, developed in long, tapering trusses of purest white. A remarkable variety which has created a sensation wherever it has been grown. Each 10

3 to 4 ft. . . . . \$2 75 \$25 00  
2 to 3 ft. . . . . 2 00 18 00

**Jean Mace.** Broad, dense clusters of irregular, double flowers varying from rich purple-red to light pinkish lilac streaked with white. Each 10

2 to 3 ft. . . . . \$2 00 \$18 00

**Lamartine.** Long clusters of single, mauve-pink flowers something on the order of Hyacinthiflora. One of the earliest to flower. Each 10

3 to 4 ft. . . . . \$2 75 \$25 00  
2 to 3 ft. . . . . 2 00 18 00

**Leon Gambetta.** Large, double flowers in long, narrow, symmetrical trusses, brownish purple in bud, opening light pinkish lilac, paling to white in the center. One of the latest to bloom. Each

2 to 3 ft. . . . . \$2 00

**Ludwig Spaeth.** Large, single flowers in slender, symmetrical clusters, dark grayish purple without and rich dark purple within. One of the most free flowering and handsomest of the dark Lilacs with single flowers. Each 10

3 to 4 ft. . . . . \$1 75 \$16 00  
2 to 3 ft. . . . . 1 50 14 00

**Marechal Lannes.** Broad, showy clusters of double, pale violet flowers, tinged with white at the edges and on the back of the flowers. Each 10

18 to 24 in. . . . . \$1 75 \$16 00

**Marie Legraye.** Large, single, informal flowers in loose, open clusters varying from ivory to snow-white. A famous, popular old variety. Each 10

3 to 4 ft. . . . . \$2 00 \$18 00  
2 to 3 ft. . . . . 1 50 14 00

**Michel Buchner.** Medium-sized, double flowers in long, narrow clusters varying from dark lilac to pale lilac-blue. Each 10

3 to 4 ft. . . . . \$2 00 \$18 00  
2 to 3 ft. . . . . 1 50 14 00

**Mme. Casimir-Perier.** Short, dense clusters of medium-sized, double flowers, yellowish in the bud, pure white when fully open. A fine, double white variety which blooms freely each year. Each 10

3 to 4 ft. . . . . \$1 75 \$16 00  
2 to 3 ft. . . . . 1 50 14 00

**Mme. Lemoine.** Medium-sized, narrow, compact clusters of double, pure white flowers. One of the most dependable of this color. Each 10

2 to 3 ft. . . . . \$1 25 \$11 00

**Montaigne.** Long, narrow, rather loose clusters of large, double flowers, deep purple-rose in the bud expanding to clear orchid-pink tinged with white. A handsome pink variety. Each 10

3 to 4 ft. . . . . \$2 75 \$25 00

**Mont Blanc.** Giant clusters of large, round, single flowers, greenish in bud opening to purest white. A most beautiful and showy variety. Each 10

3 to 4 ft. . . . . \$2 75 \$25 00  
2 to 3 ft. . . . . 2 00 18 00

**Mrs. Edward Harding.** Large, symmetrical clusters of giant, double flowers varying from carmine-purple to tints of rose and orchid. A most showy variety becoming almost white when fully open. Each 10

2 to 3 ft. . . . . \$3 00 \$27 00

**Pascal.** Long, narrow clusters of single, clear lilac-colored flowers. A form of Hyacinthiflora which blooms very early. Each 10

3 to 4 ft. . . . . \$2 75 \$25 00  
2 to 3 ft. . . . . 2 00 18 00

**President Grevy.** Very large clusters of soft bluish lavender, double flowers. A fine old-fashioned variety which is well known and popular. Each 10

3 to 4 ft. . . . . \$1 75 \$16 00  
2 to 3 ft. . . . . 1 50 14 00

**Reaumur.** Giant sprays of extra-large, single flowers, reddish purple in bud opening to pinkish violet. A large, handsome variety. Each 10

2 to 3 ft. . . . . \$2 00 \$18 00

**Rubra de Marley.** Flowers single, rich rosy purple. An exceedingly free bloomer. Each 10

3 to 4 ft. . . . . \$2 00 \$18 00

**Ruhm von Horstenstein.** A giant cluster of large, single flowers somewhat resembling Ludwig Spaeth, deep brownish red in bud changing to clear reddish lilac. Very much improved dark variety. Each

2 to 3 ft. . . . . \$4 00  
18 to 24 in. . . . . 3 00

**Vauban.** Semi-double flowers of light pinkish lilac. An early-flowering variety of the Hyacinthiflora type. Each 10

3 to 4 ft. . . . . \$2 75 \$25 00

**Vestale.** Large, single flowers in enormous pyramidal sprays varying from ivory to soft creamy white. Very handsome. Each 10

2 to 3 ft. . . . . \$2 00 \$18 00

**Waldeck-Rousseau.** Long, branching clusters of double, medium-sized flowers. Soft pinkish amethyst of a distinct shade, slightly darker in the center. Each

3 to 4 ft. . . . . \$2 75

### Standard Hybrid Lilacs (Tree Form)

4 to 5 ft., \$3 each, \$27 for 10

**Charles X.** Single; dark reddish purple.

**Hugo Koster.** Single; pure lilac.

**Jan van Tol.** Single; pure white.

**Ludwig Spaeth.** Single; dark red.

**Michel Buchner.** Double, pale lilac.

**Mme. Lemoine.** Double; white.

**President Grevy.** Double; pale blue.

### TAMARIX . Tamarisk

**Tamarix africana.** *African Tamarisk.* (L.)

An ornamental shrub of graceful appearance, with light, feathery foliage and long, slender racemes of pinkish flowers in early summer. Forms a striking picture planted at the edge of an evergreen border. Each 10

3 to 4 ft. . . . . \$0 60 \$5 00  
2 to 3 ft. . . . . 50 4 50

### VACCINIUM . Blueberry

†**Vaccinium corymbosum.** *Highbush Blueberry.* 8 ft. A handsome heavy shrub of real character, much valued for its large, blue-black berries of excellent flavor but favored even more for its brilliant-colored fall foliage which gives a distinct naturalistic effect and for the bright red color of the twigs during the winter months. Each 10

4 to 5 ft. . . . . \$2 50 \$22 50  
3 to 4 ft. . . . . 2 00 18 00  
2 to 3 ft. . . . . 1 25 11 00





VIBURNUM

Here is a group of tremendously important shrubs embracing great variety, from the old-time beauty of the Snowball to the fascinating delicacy of the lace-like *Viburnum tomentosum*, which some think has the loveliest flower of any shrub or tree. Most of them are prolific bloomers, do well in semi-shade, and follow their flowers with a profusion of handsome fruits of varying colors. This is a group that no one interested in shrubs, and especially in native shrubs, can afford to omit from his collection.



Viburnum lentago

**Viburnum acerifolium. Mapleleaf Viburnum.** 4 ft. A good shrub for dry soil under trees. Flowers yellowish; foliage interesting and maple-like; fruits blackish. This is the Dockmackie of northeastern North America whose foliage is so handsome in late autumn. Each 10  
2 to 3 ft. . . . . \$1 00 \$9 00

†**V. americanum. American Cranberry Bush.** 12 ft. This very decorative native shrub is of open habit, with attractive flowers and bunches of berries which begin to turn red in July, remaining on the plant until the following spring. Each 10  
4 to 5 ft. . . . . \$1 25 \$11 00  
2 to 3 ft. . . . . 75 6 50

**V. carlesi. Fragrant Viburnum.** 4 ft. A low, round bush of rather stubby growth which, in spring, bears clusters of pale rosy white flowers of the most delicious fragrance. Rare and much prized. Each 10  
2½ to 3 ft. . . . . \$5 00 \$48 00  
2 to 2½ ft. . . . . 4 00 36 00  
18 to 24 in. . . . . 3 00 27 00

†**V. cassinoides. Witbe-rod.** (M.) 12 ft. Slender, upright-growing, well furnished with dull green foliage. It has creamy white flowers in June, followed by clusters of dark blue fruit in autumn. Fine for waterside planting or shrub borders, and makes a desirable tall narrow hedge. Each 10  
4 to 5 ft. . . . . \$2 00 \$18 00  
3 to 4 ft. . . . . 1 25 10 00  
2 to 3 ft. . . . . 90 7 50

†**Viburnum dentatum. Arrow-wood.** (L.) 12 ft. A very handsome, native shrub with glossy green foliage and white flowers in June, followed by crimson berries which turn blue in autumn. Like the other Viburnums, it will flourish in partial shade. Each 10  
5 to 6 ft. . . . . \$2 50 \$24 00  
4 to 5 ft. . . . . 1 25 10 00  
3 to 4 ft. . . . . 90 7 50

**V. lantana. Wayfaring Tree.** (L.) 15 ft. Of robust growth, having large foliage which is silvery underneath. It produces clusters of white flowers in May followed by red fruit, turning black in autumn. Especially good on dry, limestone soils. Each 10  
3 to 4 ft. . . . . \$1 00 \$8 00  
2 to 3 ft. . . . . 75 6 00

†**V. lentago. Nannyberry.** (L.) 20 ft. A vigorous shrub which may become a small tree. It has creamy white, very fragrant flowers, light glossy green foliage, and bluish black fruit. Each 10  
5 to 6 ft. . . . . \$1 25 \$10 00  
4 to 5 ft. . . . . 1 00 8 00  
3 to 4 ft. . . . . 75 6 50

**V. molle. Kentucky Viburnum.** (M.) 10 ft. While this is a native shrub, it is quite rare and is seldom seen. It resembles *V. dentatum*, but has broader, darker foliage, and larger fruits. Splendid novelty. Each 10  
4 to 5 ft. . . . . \$1 00 \$9 00  
3 to 4 ft. . . . . 75 6 50

†**V. opulus. European Cranberry Bush.** (L.) 10 ft. One of the best shrubs for general planting. It has white flowers in panicles and red berries, resembling cranberries, which remain until early winter. The foliage is large and seldom attacked by insects. Each 10  
4 to 5 ft. . . . . \$1 25 \$11 00  
3 to 4 ft. . . . . 1 00 9 00  
2 to 3 ft. . . . . 75 6 50



Viburnum carlesi



*Viburnum tomentosum*

***Viburnum opulus nanum.* Dwarf Cranberry Bush.** 2 ft. A dwarf variety of *V. opulus*, compact and small-leaved. It rarely flowers. Each 10  
12 to 15 in. . . . . \$0 90 \$8 00

***V. opulus sterile.* Common Snowball.** (L.) 10 ft. A well-known, large shrub, producing large, snowball-like flowers in May. Each 10  
4 to 5 ft. . . . . \$1 25 \$10 00  
3 to 4 ft., very heavy . . . . . 1 00 8 50

***V. prunifolium.* Black Haw.** (L.) 15 ft. Large shrub or small tree of stout, spreading habit, bearing handsome oval foliage and flat clusters of creamy white flowers followed by blue-black berries in autumn and winter. Each 10  
2 to 3 ft. . . . . \$1 00 \$9 00

***V. sieboldi.* Siebold's Viburnum.** (M.) 12 ft. This vigorous-growing plant has unusually large, rich green foliage, and white flowers in clusters. Berries pink turning blue-black. Each 10  
3 to 4 ft. . . . . \$1 25 \$11 00

***V. tomentosum.* Double-file Viburnum.** (M.) 8 ft. Foliage resembles the Japanese Snowball, and the flowers are white, in flat racemes, and borne in great profusion, followed by red berries changing to bluish black. Beyond question the most beautiful of all Viburnums, and possibly of all shrubs. Each 10  
3 to 4 ft. . . . . \$1 25 \$11 00  
2 to 3 ft. . . . . 1 00 8 00

***V. tomentosum plicatum.* Japanese Snowball.** (M.) 8 ft. It has handsome leaves and globular heads of pure white flowers in June. Better than the Common Snowball in foliage and flower but blooms a little later. Each 10  
2 to 3 ft. . . . . \$1 00 \$8 00

## VITEX

***Vitex agnus-castus.* Lilac Chaste Tree.** 4 ft. Shrub or small tree with strong, peppery odor and grayish leaves. Flowers are lilac-gray in long, clustered spikes and are produced in late summer. Valued for its late bloom and unusual color for a shrub. Each 10  
3 to 4 ft. . . . . \$1 00 \$9 00  
2 to 3 ft. . . . . 75 6 00

***V. macrophylla.*** Big, 8 to 10-foot shrubs with bold foliage and great spreading clusters of intensely blue or violet-blue flowers in late summer. Most decorative in the border, and the flowers are excellent for cutting. One of the finest blue-flowering shrubs and especially noteworthy because of its late blooming when flowers on other shrubs are scarce. Each 10  
2 to 3 ft. . . . . \$1 00 \$9 00  
18 to 24 in. . . . . 90 7 50

## WEIGELA

The flowers of the Weigelas have a certain resemblance to those of the wild azaleas and, like them, have been confused with honeysuckles. These pretty shrubs bloom for a long time and in reckless profusion. They are valuable for hard-luck situations, and furnish generous variety to any shrub border.

***Weigela floribunda.* Crimson Weigela.** 7 ft. A rather well-known and popular leafy shrub with an abundance of tubular crimson flowers. Each 10  
3 to 4 ft. . . . . \$0 75 \$6 00  
2 to 3 ft. . . . . 60 5 50

***W. rosea.* Pink Weigela.** 6 ft. A very free-flowering shrub somewhat similar to the preceding with bright pink flowers which are considerably larger and more of them. Each 10  
3 to 4 ft. . . . . \$0 75 \$6 00  
2 to 3 ft. . . . . 50 4 00

## Hybrid Varieties of Weigela

These improved sorts are a revelation to those who know only the old-fashioned kinds.

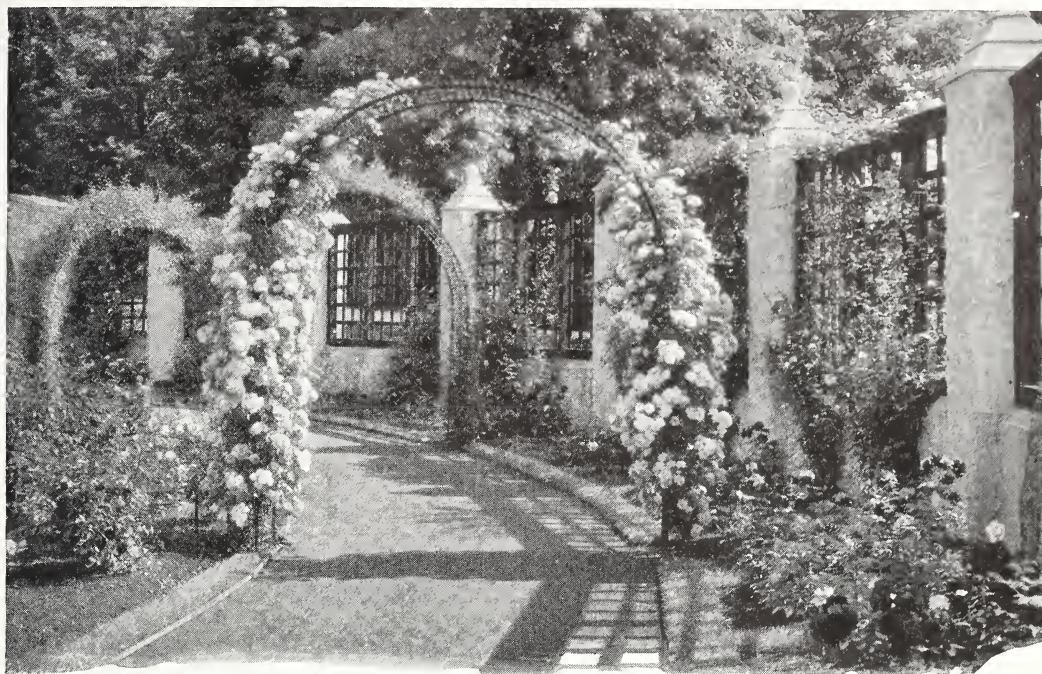
***Candida.* Snow Weigela.** 7 ft. A fine white variety with unusually large and attractive flowers. Very pretty for cutting. Each 10  
2 to 3 ft. . . . . \$0 50 \$4 00

***Eva Rathke.*** 4 ft. Perhaps the most showy of all, with dark brownish red flowers, brightened by a light center. Very profusely flowering. A well-known variety that has been popular for a long time and widely planted. Each 10  
2 to 3 ft. . . . . \$0 75 \$6 50

## ZANTHORHIZA

***Zanthorhiza apiifolia.* Yellow-Root.** (D.) 2 ft. Native shrub of low, slender growth, bearing cloudy sprays of plum-colored flowers, like tiny black stars, in April. Valuable for its foliage and dwarf habit, and much used for ground-cover. Very hardy and desirable. In autumn the foliage becomes a mass of gorgeous golden yellow. Each 10  
15 to 18 in. . . . . \$0 60 \$5 50  
12 to 15 in. . . . . 50 4 50





## ROSES

SOME of the finest Rose-gardens in the United States are in New England, proving for once and all that an abundance of beautiful Roses may be had by anyone who is willing to give them a little space and reasonable care.

*In order that our customers shall have the best possible plants, properly acclimated to this region, we are growing our own Hybrid Tea Rose bushes on our own land at our North Abington Nursery. We believe that the Roses we produce here are best adapted to the soil and climate of New England.*

We have chosen the varieties carefully for beauty of bloom, health, and vigor of the bushes. The ground in which they are to be planted should be prepared as for a good crop of vegetables, although extra-deep spading and fertilizing will be an advantage if especially fine specimen blooms are desired. During the first year little attention will be necessary beyond constant cultivation and protection from their enemies, but the second year and after, they should be fertilized regularly.

Cut the flowers freely with long stems and hill up the plants at the approach of winter, covering the tops with leaves or evergreen boughs when the ground is frozen.

A specially illustrated leaflet telling how Roses should be planted will be sent on request, and a copy will be inclosed with each shipment of Roses.

### HYBRID TEA ROSES

These are the everblooming Roses which produce the beautiful, long-stemmed flowers everyone so much admires. They should be planted about 15 inches apart in rather narrow beds and in lots of not less than three, and preferably a half-dozen or more, of one kind.

Our Hybrid Teas are 2-year-old, budded plants, field-grown in New England, thoroughly dormant for early spring planting. Price \$1 each; 5 or more of one kind, 90 cts. each, except as noted. We will furnish 10 or more in varieties of our own selection at 90 cts. each.

**Betty Uprichard.** One of the most vigorous and dependable decorative bedding Roses. Flowers semi-double, brilliant copper and salmon, very freely produced.

**Briarcliff.** A handsome, improved variety of shining, pure pink, with long, stiff stems and firm, dark foliage. Unexcelled for cutting.

**HYBRID TEA ROSES, continued**

**Columbia.** Beautifully formed flowers of firm texture, with stiff, curled petals, opening pink, darkening to glowing rose as they age. Stems long and strong.

**Dame Edith Helen.** Very large, beautifully shaped, extremely double flowers of pure, light pink; very fragrant and long lasting. Regarded as the handsomest of the newer varieties. \$1.25 each.

**Duchess of Wellington.** Particularly admired for its gigantic, long, richly tinted buds of apricot and yellow. The flowers are very large, not fully double when open, and much lighter in color.

**Edel.** A noble, perfectly shaped, white Rose of great size and substance. Very handsome, both as a bud and open flower.

**Etoile de France.** Spreading, bushy plants which produce a profusion of dark, glowing crimson flowers with a rich satisfying fragrance.

**Etoile de Hollande.** Glowing scarlet-crimson, fragrant, and free flowering. Generally considered the best dark red bedding Rose for the amateur. \$1.50 each.

**General MacArthur.** Long known as the best red Rose for the garden. Bright, pure color, and one of the most floriferous.

**Golden Ophelia.** A dark yellow variation of the popular Ophelia.

**Gruss an Teplitz.** Different from other Hybrid Teas in its tall, bushy growth; rather small, nodding flowers in clusters. Beyond question, best outdoor decorative red Rose but should be planted in masses by itself or in a border around the Hybrid Tea garden proper.

**Independence Day.** Brilliant orange-yellow Rose with striking flame-color tints, borne very freely on low, branching plants. Looks best in big masses. Buds almost unbeatable; open flowers not as double as some.

**Jonkheer J. L. Mock.** Magnificent Rose in size, form, and brilliant color, usually of two sharply contrasted shades of pink; petals firm and long lasting when cut.

**Kaiserin Auguste Viktoria.** Long known as the most beautiful white Rose. Not a strong grower, but it is worth having for its unsurpassed beauty of form.

**Killarney Queen.** The Killarney Roses have always been popular and this is the best of the bright pink ones. The buds are splendid. Blossoms are deep shell-pink.

**Killarney White.** Typical of the Killarney type, but the big-petaled blooms are snowy white.

**Lady Alice Stanley.** One of the most handsome and easily grown of the very fine pink Roses. A general favorite with beginner and expert alike.

**Lady Margaret Stewart.** Large, deep buds and blooms of golden yellow and apricot, flamed with bronze and scarlet. Growth and foliage healthy. \$1.50 each.

**Lieutenant Chauré.** Bushy, compact plants covered throughout the season with large, cup-shaped, brilliant crimson flowers of high quality. One of the really dependable bedding Roses.

**Los Angeles.** A flame-pink Rose of unusual beauty and delicious fragrance. The plants are not always reliable, but they are decidedly worth growing for the extraordinary beauty of the flower.

**Miss Willmott.** Very large flowers of glistening white, daintily tipped with fawn and pink. Without doubt the best white Rose for the garden. It has better flowers than Mme. Jules Bouche and is not so embarrassingly vigorous as Frau Karl Druschki.

**Mme. Butterfly.** An exquisite Rose of firm texture and perfect form, shaded with pale pink, cream, and gold. It is universally acclaimed as a close approach to the ideal garden Rose.

**Mme. Caroline Testout.** An old and very reliable variety with clear satiny pink blooms of splendid size and satisfying fragrance. When well grown it makes large, splendid bushes covered with flowers throughout the season.

**Mme. Edouard Herriot.** The blazing copper-red bloom is of almost violent intensity, paling as it opens to soft shrimp-pink. One of the finest Roses.

**Mrs. Aaron Ward.** This is a charming little Rose of unusual form, opening rich golden fawn, paling as it ages to cream, very pale pink, and white. The low, spreading bush has splendid foliage.

**Mrs. Calvin Coolidge.** A cream-white form of Ophelia, strongly suffused with straw-yellow and gold in the bud and half-open flower.

**Mrs. William C. Egan.** Exquisite, long-pointed buds of delicate rosy white and pale pink. The flowers are very large and star-like. A strong grower and free flowering. Very fine.

**Ophelia.** Very similar to Mme. Butterfly, but a shade or two lighter. We like to call it pearly white, because of the beautiful iridescent shades of faint pink, gold, and lilac which play over its waxen petals.

**Padre.** Brilliant copper-red, almost single flowers, borne on tall, slender stems. Plant the bushes close together in masses. It makes a stunning show.

**Premier.** A famous cut-flower variety of dark rose-pink and richly fragrant.

**Radiance.** This is generally considered the best all-round Rose for the beginner. The plants are very strong and they bloom with the greatest freedom, producing big, round flowers of sparkling pink all summer and fall.

**Red Radiance.** Very much like Radiance in every respect, except that the flowers are bright, light red instead of pink. Some say it grows even better.

**Red Premier.** A clear, sparkling crimson variety with fewer petals than the original Premier and an excellent blooming habit.

**Rev. F. Page-Roberts.** Large, golden yellow flowers stained red and copper on the buds and outside of the petals; very fragrant. One of the most beautiful Roses known.

**Souvenir de Claudius Pernet.** This is the best pure yellow Rose for the garden. The plants grow stiffly erect, with shining leaves, and bright, unfading yellow flowers. They are best in the bud and before they are fully open.

**Talisman.** A gorgeous novelty of 1929. Golden yellow buds and flowers splashed and shaded with vivid scarlet-crimson. Blooms continuously and the plant is both vigorous and healthy. Rare and very fine. \$1.50 each.

**Templar.** Flowers are clear, sparkling crimson, large and freely produced on excellent plants. This is a variety freely relied upon by florists to provide the cut-flowers sold in winter.

**Wilhelm Kordes.** Very showy; salmon and flaming orange shades mingle in the lovely, firm, curled petals. Best in cooler weather but very variable, and lovely at all times.

**William R. Smith.** A low, wide-spreading bush bearing large, beautifully pointed, white flowers delicately tinted with pale pink and cream. Very fine.

**Willowmere.** Soft golden pink, with luminous lights all through its shell-like petals. The buds are very large, exquisitely curled, and the open flowers are magnificent. The bush is very strong and blooms twice as much as most Roses.





## Scorcher

### A Stunning Climbing Rose

Giant, ruffled flowers 5 inches across, blazing with a brilliant red truly justifying the name. This new and sensational Rose is offered here for the first time in America. It has been imported from Australia where it has superseded such brilliant Roses as Paul's Scarlet Climber and Crimson Rambler by the sheer beauty and magnificence of its flowers. It is an extremely vigorous climber, reaching 15 to 20 feet, producing long-stemmed, few-flowered clusters of gigantic bloom, usually in two crops, the first appearing in mid-June and the second about six weeks later, with occasional blooms in autumn. This Rose is recommended by all who have seen it and grown it, and we are glad to be among the first to offer it in America. Our stock is limited and plants are offered at \$2 each.



Scorcher

## OTHER CLIMBING ROSES

Perhaps there is no one group of plants that is so useful and so beautiful in so many different ways as the Climbing Roses. They are suitable for all uses to which most climbers may be put, and surpass almost all of them in the massed splendor of their flowers. They are delightful when trained over a stone wall or grouped to form a hedge-fence, when trained upon a rustic arbor, over a pergola, at the corners of a porch, or over a trellis about the windows of the house. They may adorn garden arches, gateways, fence-corners, or they may be tied to slim posts as pillars where they will make splendid spires of beauty throughout the garden. The range of color is almost limitless, and the flowers vary from tiny clustered rosettes to big blooms for cutting, borne on fine long stems.

Strong, 2-year, field-grown plants, 75 cts. each, \$6 for 10, except where noted

Remember, 5 or more plants of one kind are sold at the 10 rate

**American Pillar.** A very lusty climber with bold, waxy foliage, bearing tremendous clusters of large, sparkling pink, single flowers with a round white eye and bright golden stamens.

**Aviateur Bleriot.** Beautiful twining growth with holly-like leaves and lemony buds which open to clusters of medium-sized, beautifully shaped, white flowers with pale yellow centers. \$1 each, \$9 for 10.

**Climbing American Beauty.** A moderate-growing pillar Rose which blooms very early, producing very large flowers of delightful shape and a rare shade of light purple-red unlike any other. The blooms are richly fragrant, and it is one of the most desirable varieties.

**Dr. Huey.** This is a most distinct dark crimson-maroon variety with large, ruffled flowers borne in immense clusters. The color does not fade but rather deepens as the flowers age, retaining a rich velvety appearance until the petals fall. It should be planted in full sunlight so that the full beauty of the blooms may be brought out. In shaded situations the color is a trifle somber. The plant is very strong and will reach 15 to 20 feet. \$1 each, \$9 for 10.

**Dr. W. Van Fleet.** A vigorous, shining-leaved climber which produces beautiful Roses of the Hybrid Tea type on long stems suitable for cutting. It blooms with the greatest profusion rather late in the season. The flowers are of the palest possible shade of pink, with a slightly darker center. Undoubtedly the most beautiful hardy climbing Rose introduced to date.

**Dorothy Perkins.** Immense clusters of tiny, exquisitely formed little Roses of rich shell-pink in varying shades of softness and intensity. One of the very best climbers in vigor and abundance of blooms.

**Emily Gray.** The most beautiful yellow climbing Rose, with large, golden tan and buff flowers of exquisite beauty. The plant needs protection in severe winters and exposed situations but is worth it. \$1 each, \$9 for 10.

**Excelsa.** Similar to Dorothy Perkins in all respects except that the flowers are bright, light crimson.

**Gardenia.** A strong climber with beautiful foliage and rich yellow buds opening to creamy white flowers with soft yellow centers. One of the hardiest yellow climbers, which are mostly rather tender.

**Hiawatha.** A showy, brilliant red climber with immense trusses of vivid carmine, single flowers with a white eye and a big bunch of yellow stamens. This is one of the brightest and most spectacular Roses grown.

**Jacotte.** A delightful orange-yellow climber with flowers almost identical in color and shape with the Hybrid Tea Independence Day, although a trifle smaller. It provides the strongest and most spectacular show of yellow among the hardy climbing Roses. The foliage is especially handsome and resistant to disease. \$1.25 each, \$11 for 10.

**Mary Lovett.** Probably this is the best pure white climbing Rose in existence. The flowers are large, camellia-shaped, and exquisite in texture and form. The plant is very vigorous and as hardy as Dr. W. Van Fleet. \$1 each, \$9 for 10.

**Mary Wallace.** Another large-flowered climber of the type of Dr. W. Van Fleet, except that the blooms are brilliant pink with a yellow undertone and are borne in big clusters. It is a very fine sort which is becoming very popular. \$1 each, \$9 for 10.

**Paul's Scarlet Climber.** Brilliant scarlet flowers of large size on a moderately growing plant suitable for tying to a post or pillar. Very showy.

### CLIMBING ROSES, continued

**Primrose.** A new, truly yellow variety with large, light primrose-yellow flowers. It has especially handsome foliage, is a good grower, and is much hardier than Emily Gray which is its only rival. We feel that Primrose is the most promising introduction in many years in the direction of a truly hardy, genuinely yellow, climbing Rose. \$1.50 each, \$13.50 for 10.

**Silver Moon.** A very strong climber with beautiful waxy green foliage and very large, pure white, semi-double flowers with golden centers.

**Tausendschon.** A rapid climber with smooth, almost thornless stems and big clusters of large ruffled flowers of many different shades of pink.

**White Dorothy.** Snowy white double flowers in immense clusters. Plant very vigorous and easily trained.

### HYBRID RUGOSA ROSES

The Rugosa Roses are large, strong-growing shrubs with handsome, wrinkled foliage and an abundance of flowers produced more or less frequently throughout the season. They are excellent for border plantings, hedges, naturalizing, and rough ground, and many of them are especially adapted for planting along the ocean. In fact, handsome specimens have been grown in the pure sand of the Cape Cod dunes.

Our Hybrid Rugosa Roses are \$1 each, or 5 or more of one kind at 90 cts. each, except as noted

**Agnes.** A robust shrub attaining 4 to 5 feet, with medium-sized, gray-green, very much wrinkled foliage, and covered early in the season with large, well-shaped, double flowers of deep straw-yellow. This is the only Rugosa Rose which is truly yellow, and it has aroused great enthusiasm, both by its beauty and its extreme hardiness. \$1.50 each, \$13.50 for 10.



F. J. Grootendorst Rose

### HYBRID RUGOSA ROSES, continued

**Belle Poitevine.** One of the strongest Rugosas. It has large, bold foliage and handsome, informal flowers of dark rosy pink, very fragrant, and produced on and off during the season. 90 cts. each, \$8 for 10.

**Blanc Double de Coubert.** An excellent, vigorous variety with pure white, semi-double, fragrant flowers.

**Conrad Ferdinand Meyer.** Very strong, sturdy growth, often reaching 10 to 12 feet. Flowers large, very beautifully formed, and clear light silvery pink.

**F. J. Grootendorst.** A perfectly hardy everblooming shrub Rose suitable for hedges, specimens or border planting. The plant is similar to the vigorous Rugosas in growth, with large, glossy foliage which is seldom attacked by insects or disease. The flowers are small, bright red, fringed like little carnations, and are borne unceasingly from early summer until late autumn.

**Hansa.** Erect, spiny plant with large, broad foliage and dark crimson, semi-double flowers in profusion. 90 cts. each, \$8 for 10.

**Mme. Georges Bruant.** A spreading Rugosa with smooth, light green foliage and large, delicate creamy white flowers of almost Tea Rose quality.

**New Century.** A plant 3 to 4 feet high, with large, fragrant pink flowers of beautiful shape. 90 cts. each, \$8 for 10.

**Pink Grootendorst.** A charming, bright shell-pink variation of the scarlet F. J. Grootendorst, like it in all other respects and equally valuable. We find it very popular with those who do not care for the hard brilliance of the red variety and believe it is really a more attractive plant.

**Roseaie de l'Hay.** A strong-growing, free-flowering variety with large, semi-double blooms of clear ruby-red.

**Sir Thomas Lipton.** Gigantic plant reaching 10 to 12 feet, with pure snow-white flowers produced on and off during the whole season. Extremely hardy. 90 cts. each, \$8 for 10.

**Sarah Van Fleet.** A bold, handsome plant of very vigorous growth, with large, semi-double, intensely fragrant flowers of pure pink—the clearest shade of this color in the family. \$1.50 each, \$14 for 10.

### POLYANTHA ROSES

The name means "many-flowered." They bear small flowers in big clusters steadily throughout the summer and make dwarf bushy plants suitable for edging beds of Hybrid Perpetuals, paths, fountains, pools, or shrubbery borders. Undoubtedly the most continuous blooming type of Roses.

Our Polyantha Roses are 75 cts. each, \$7 for 10, \$65 per 100

**Chatillon Rose.** Brilliant pink, semi-double flowers in giant clusters very freely produced. This variety has a liveliness of color and a persistency in blooming unsurpassed by any other sort.

**Ellen Poulsen.** Compact, bushy plants covered with a profusion of small rosy pink flowers somewhat like the climber, Dorothy Perkins.

**Ideal.** The best dark red Polyantha. Flowers are in large clusters, freely produced. Dwarfier than most.

**Miss Edith Cavell.** Strong-growing, ruddy-foliaged plants with large clusters of blackish crimson flowers, taller and lighter than Ideal.

**Orange Perfection.** Huge clusters of brilliant orange-yellow flowers changing to salmon-pink.

**Orleans Rose.** One of the best for massing and bedding. Brilliant rose-red.

**Triomphe Orleanais.** Similar to Orleans Rose but a clearer and faster color.





HYBRID PERPETUAL ROSES

These Roses are bigger, stronger, and harder than the Hybrid Teas. They are essentially cold-country Roses, and delight in cool weather in spring and summer. Their magnificent blooms are produced in early summer and again in late fall, surpassing all other Roses in brilliance of color and in fragrance.

Feed them heavily and protect them somewhat from the most severe winters.

All Hybrid Perpetual Roses are \$1 each, or 5 or more of one kind at 90 cts. each

**Frau Karl Druschki.** The best white Rose for the garden. Buds are pinkish, but the delightfully shaped flowers are pure, snowy white. The plant grows very large and blooms continuously like a Hybrid Tea. Its flowers have no scent.

**General Jacqueminot.** This is the old-fashioned, rich, sparkling red Rose of fragrant memory. It is still one of the best red varieties, and should be in every garden.

**Harison's Yellow.** This is not a Hybrid Perpetual, but a big, bushy briar Rose, common in old-time gardens, where it blooms in great billows of bright yellow very early in the season. Undoubtedly the finest hardy yellow Rose there is, and it should be freely planted for specimens, borders, and hedges.

**Mrs. John Laing.** Very symmetrical, smooth flowers of soft, glowing pink, deliciously sweet. It blooms very dependably from early summer until late fall and is always one of the loveliest things in the garden.

HYBRID PERPETUAL ROSES, continued

**Paul Neyron.** A big, handsome flower of light purplish pink, sweetly fragrant, and very persistent in blooming. This is the Rose most people mean when they say American Beauty.

**Ulrich Brunner.** Bright, sparkling crimson flowers of cup-like form, and richly fragrant. The bush is particularly strong and blooms most profusely in early summer.

HYBRID SWEETBRIER ROSES

These are improved forms of the common Sweetbrier. They retain the delicate fragrance of the foliage to some extent and include varieties with larger, showier flowers in many colors. They are useful for large, decorative planting, especially in borders and backgrounds.

All Hybrid Sweetbrier Roses are \$1 each, \$9 for 10

**Anne of Geierstein.** Dark crimson, single flowers; very fragrant. Plant is extremely vigorous and prolific.

**Flora McIvor.** Intensely fragrant, small white flowers tinged with rosy pink. Very vigorous.

**Lady Penzance.** Copper-colored flowers of intense brilliant sheen. A dwarf plant of unusual beauty almost equal to the famed Austrian Copper in brilliancy and beauty.

**Meg Merrilies.** Brilliant rose-red, semi-double flowers on a plant of extraordinary vigor which may grow as much as 12 feet high.

HEDGE PLANTS

25 or more of one size at the 100 rate

**Barberry, Japanese {Berberis thunbergi}.** One of the most popular hedge plants. Thorny, dense, man-, dog-, and boy-proof. May be left unsheared or clipped to an even, rounded form. Pretty clusters of red berries in autumn and winter. This is a most attractive informal hedge plant and is preferred by many people to the clipped primness of privet.

	10	100
2 to 2½ ft., bushy plants	\$4 00	\$27 00
18 to 24 in., bushy plants	2 50	18 00
15 to 18 in., bushy plants	2 00	12 00
12 to 15 in., bushy plants	1 50	9 00

**Privet, Amur {Ligustrum amurense}.** Erect, dense hedge of dark, lustrous green. Can be trimmed to any form and is very quick-growing and hardy. It has a great deal to recommend it for hedges and screen use in difficult situations.

	10	100
4 to 5 ft.	\$5 00	\$39 00
3 to 4 ft.	3 50	24 00
2 to 3 ft.	2 50	18 00

**P., California {L. ovalifolium}.** Used in great quantity everywhere, and the most commonly used hedge plant in America. The dark, shining green foliage is almost evergreen, and the hedge can be trimmed to any size, height, or shape. In exposed situations subject to severe cold in winter, it may freeze to the ground. For such situations the Ibolium Privet is suggested because of its great hardiness.

	10	100
3 to 4 ft.	\$2 20	\$14 00
2 to 3 ft.	1 80	12 00
18 to 24 in.	1 50	10 00

**P., Ibolium {L. ibolium}.** A vigorous, swiftly growing hybrid between the California Privet and the Ibota Privet, combining the beautiful foliage of the former with the greater hardiness of the latter. A very popular hedge plant.

	10	100
3 to 4 ft.	\$4 00	\$27 00
2 to 3 ft.	2 50	18 00

**Privet, Ibota {L. ibota}.** Tall, woody growth, with relatively large leaves and arching branches. Very hardy and quick-growing.

3 to 4 ft.	\$4 50	\$27 00
2 to 3 ft.	3 00	18 00

**P., Regel {L. ibota regelianum}.** Low, horizontally branching shrub, which requires little or no trimming to make a perfect hedge. Very hardy, enduring cold and drought.

	10	100
2 to 2½ ft.	\$5 00	\$39 00
18 to 24 in.	4 00	33 00

**Rose, F. J. Grootendorst.** A fine shrub with handsome foliage and clusters of small, bright crimson flowers all summer. Excellent at summer places along the sea, where an abundance of flowers from July to October is wanted. Perfectly hardy. For a dense hedge it should be planted a foot apart.

Each	10	100
2-yr.	\$1 00	\$9 00

**R., Pink Grootendorst.** Like F. J. Grootendorst, except that the small, clustered flowers are pretty shell-pink.

Each	10	100
2-yr.	\$1 00	\$9 00

**R. rugosa {Rosa rugosa}.** Vigorous and erect, with big, handsome foliage and large, rosy purple flowers all summer, followed by showy red and yellow fruits. It makes one of the best hedges near the seashore, withstanding much exposure and salt-spray.

	10	100
2 to 3 ft.	\$5 00	\$39 00
18 to 24 in.	4 50	33 00

**Willow, Laurel {Salix pentandra}.** Quick-growing, slender, small trees with handsome foliage, especially useful for tall screens to hide objectionable views or objects.

Each	10	100
6 to 8 ft.	\$1 00	\$9 00
5 to 6 ft.	90	8 00
4 to 5 ft.	75	7 00



*Polygonum auberti.* See page 62.

## VINES AND CLIMBING PLANTS

VINES are the gardener's greatest aid in covering up mistakes and concealing ignorance in planning or constructing anything from a garage to a spite fence. They also mitigate the harshness of Nature, throwing a mantle of beauty over dead trees, unsightly rocks, or rough banks, but they have a more definite, positive use, as well. They enhance the beauty of a wall of brick or stucco or stone and provide the only excuse for the lattice trellises and garden arbors which are so abundant in suburban areas. They are good-natured, sheltering, friendly plants and ought to be used generously wherever there is need for shade and comfort.

### ACTINIDIA

*Actinidia arguta. Bower Actinidia.* 25 ft. A strong-growing Japanese vine, with rather large, handsome leaves. White flowers with purple center and round, edible fruit of sweetish flavor.

	Each	10
3-yr. . . . .	\$1 25	\$11 00
2-yr. . . . .	1 00	8 50

### AKEBIA

*Akebia lobata. Three-leaved Akebia.* A delightful vine, similar to the better known *Quinata*, but with three leaflets instead of five and smaller flowers in long, drooping racemes.

	Each	10
4-in. pots . . . . .	\$1 25	\$10 00

*A. quinata. Five-leaved Akebia.* 12 ft. A very graceful and rapid-growing vine which is hardy and not attacked by insects. The foliage is extremely attractive and it bears rosy purple flowers in early summer, followed by ornamental fruit.

	Each	10
3-yr. . . . .	\$0 75	\$6 50

### AMPELOPSIS

*Ampelopsis aconitifolia. Monksblood Vine.* A very handsome vine with deeply cut foliage and small blue berries which turn orange as they ripen.

	Each	10
2-yr. . . . .	\$0 90	\$8 00

*A. heterophylla. Porcelain Ampelopsis.* Has deeply lobed leaves, striped with creamy white, and clusters of light blue, showy berries.

	Each	10
4-yr. . . . .	\$1 00	\$9 00
3-yr. . . . .	90	7 50

*A. quinquefolia. Virginia Creeper.* 50 ft. A vigorous, high-climbing vine of rapid growth, with rich crimson foliage in autumn. Valuable for covering walls or old tree trunks.

	Each	10
3-yr. . . . .	\$0 60	\$4 50
2-yr. . . . .	50	3 50

*A. quinquefolia engelmanni. Engelmann's Creeper.* 40 ft. Quite similar to the preceding variety but has smaller and neater foliage, which adapts it to less rustic effects.

	Each	10
3-yr. . . . .	\$0 60	\$4 50





Ampelopsis

**Ampelopsis tricuspidata. Boston Ivy.** 50 ft. A very useful climber, clinging firmly and covering walls, rocks, and stumps densely. The glossy foliage stands smoke and dust well and turns to a brilliant orange and scarlet in the fall. The best substitute for English Ivy in severe climates and exposed places. Each 10  
From 4-in. pots . . . . . \$0 75 \$7 00  
From 3-in. pots . . . . . 60 5 50

**A. tricuspidata lowi. German Creeper.** Of smaller and slower growth, with tiny enamel-like foliage. Very neat and useful for covering wall spaces of moderate dimensions. Each 10  
From 3-in. pots . . . . . \$1 25

**A. tricuspidata robusta.** Similar to Boston Ivy, but a stronger grower with rich, dark foliage. Each 10  
3-yr., field-grown . . . . . \$0 90 \$7 50

ARISTOLOCHIA

**Aristolochia sipho. Dutchman's Pipe.** 25 ft. This very vigorous vine is excellent for porches, its immense leaves providing a cool, dark shade. The purple flowers are of most curious pipe-like form. Each 10  
5-yr. . . . . \$1 75 \$15 00  
4-yr. . . . . 1 50 14 00  
3-yr. . . . . 1 25 11 00

**A. tomentosa. Southern Dutchman's Pipe.** A native species of climbing habit and rapid growth. Good green foliage a little smaller than the preceding variety and the numerous, pipe-shaped flowers are yellow. Each 10  
3-yr. . . . . \$1 00 \$8 50

BIGNONIA

**Bignonia radicans. Trumpet Creeper.** 30 ft. A hardy, high-climbing plant, with large, trumpet-shaped flowers of glowing orange-red in August. Each 10  
4-yr. . . . . \$0 60 \$5 00  
3-yr. . . . . 50 4 50

BOSTON IVY

See Ampelopsis tricuspidata

CLEMATIS

**Clematis paniculata. Sweet Autumn Clematis.** 20 ft. By far the best of the fall-blooming species. It thrives best in sunny situations, and will stand severe pruning in winter. A luxuriant grower and profuse bloomer with fine foliage. The flowers are medium-sized, pure white, very fragrant, and are borne in great profusion in late summer and autumn. Each 10  
4-yr. . . . . \$0 75 \$6 00  
3-yr. . . . . 60 5 00  
2-yr. . . . . 50 4 00

**Clematis texensis. Scarlet Clematis.** A pretty sort, with a profusion of bell-shaped, brilliant scarlet flowers which make a showy display. Foliage light green. Each 10  
2-yr. . . . . \$0 60 \$5 50

**C. virginiana. Virgin's Bower.** 20 ft. This rapid-growing native sort produces clouds of white flowers in August, followed by feathery seeds which are decorative in winter. Each 10  
3-yr. . . . . \$0 50 \$3 50

Hybrid Large-Flowering Clematis

**Duchess of Edinburgh.** Double white flowers of camellia form.

**Henryi.** A robust, free-blooming plant with creamy white, large, handsome flowers.

**Jackmani.** Flowers broad, velvety purple, with ribbed bar down the center. Very popular.

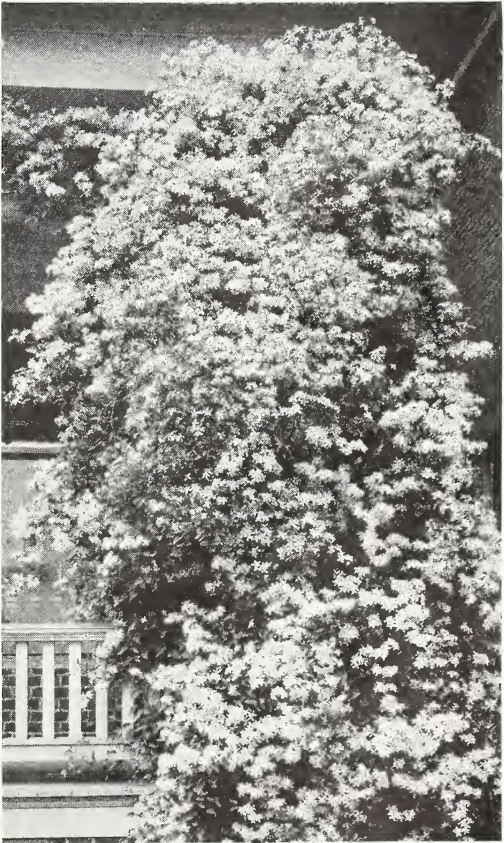
**Mme. Baron Veillard.** Strong-growing variety with large, soft pink flowers, tinted with lilac.

**Mme. Edouard Andre.** Large crimson flowers. Persistent bloomer.

**Ramona.** One of the prettiest of the Clematises with dainty light blue flowers.

**Viticella. Italian Clematis.** 8 to 12 ft. One of the parents of the large-flowered hybrid Clematis, with bluish purple flowers. 40 cts. each, \$3.50 for 10.

Any of the above, except where noted, 2-yr. heavy plants, from 6-in. pots, \$1.50 each, \$12.50 for 10



Clematis paniculata

### CELASTRUS

*Celastrus orbiculatus. Oriental Bittersweet.* 15 ft. Ordinarily this plant assumes a shrub-like form, but if given an opportunity will make a tall and vigorous climber. It has bright green leaves and crimson fruit which is handsome in fall and winter. Each 10

5-yr. . . . . \$1 00 \$8 00  
4-yr. . . . . 90 7 50

*C. scandens. American Bittersweet.* 15 ft. A native climber, with glossy leaves which turn bright yellow in autumn, and big clusters of orange and crimson fruit. Each 10

3-yr. . . . . \$0 75 \$6 00

### HYDRANGEA

*Hydrangea petiolaris. Climbing Hydrangea.* 30 ft. A very beautiful, rather rare variety of Climbing Hydrangea, with overlapping, mosaic-like leaves, and round flat clusters of white flowers. Delightful on a stone wall, and will grow to great height. The fragrance is distinct and delightful and pervades the air for a great distance from the plant. Each 10

Plants from 3-in. pots . . . . . \$0 75 \$7 00

### LYCIUM

*Lycium chinense. Chinese Matrimony Vine.* 10 ft. A vigorous climber, branching freely, and covered with bright purple, star-shaped flowers, which are succeeded by brilliant scarlet berries almost an inch long. Each 10

4-yr. . . . . \$0 60 \$5 00  
3-yr. . . . . 50 4 00

### LONICERA

*Lonicera japonica halliana. Hall Japanese Honeysuckle.* 26 ft. A vigorous grower with fragrant yellow and white flowers from midsummer until frost. This makes a good ground-cover. Each 10 100

4-yr. . . . . \$0 60 \$4 50 \$36 00  
3-yr. . . . . 50 4 00 30 00

*L. sempervirens. Trumpet Honeysuckle.* One of the best varieties. Its deep crimson flowers are borne profusely in bunches at intervals throughout the summer followed by scarlet berries. Each 10

4-yr. . . . . \$0 60 \$4 50  
3-yr. . . . . 50 3 50

### POLYGONUM

*Polygonum auberti. Chinese Fleece Vine.* A tall-growing, hardy vine, with bronzy young leaves which turn green. The white flowers are borne abundantly in feathery sprays. Very quick-growing and one of the most desirable vines. Each 10

2-yr. plants from 6-in. pots . . . . . \$1 75 \$15 00

### PUERARIA

*Pueraria thunbergiana. Kudzu Bean.* A most worthy ornamental vine. It is a very rapid grower, bearing rose purple, pea-shaped flowers in August. Each

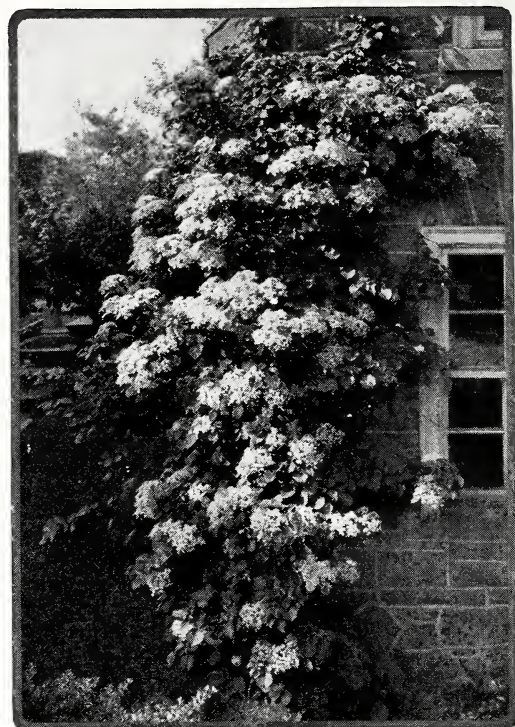
2-yr. . . . . \$0 50

TECOMA RADICANS. See Bignonia

### VITIS

*Vitis aestivalis. Summer Grape.* A tall climber with large foliage and small, black, tough-skinned berries. Each 10

3-yr. . . . . \$0 75 \$6 50  
2-yr. . . . . 60 5 00



Climbing Hydrangea (*Hydrangea petiolaris*)

*Vitis coignetiae {Kaempferi}. Glory Vine.* Strong, densely foliated climber with foot-broad leaves becoming brilliantly colored in autumn. Fruit small and black. Showy. Each 10

2-yr. . . . . \$1 00 \$7 50

*V. cordifolia. Frost Grape.* A very vigorous Wild Grape, attaining majestic size with age and providing abundance of foliage for shade. The fruit is black and very good after it has been frosted. Each 10

3-yr. . . . . \$0 75 \$6 50  
2-yr. . . . . 60 5 00

*V. heterophylla.* See *Ampelopsis heterophylla*.

*V. labrusca. Fox Grape.* A strong native vine thought to be the ancestor of most of our finest American Grapes. Especially suited for naturalizing in thickets and wooded corners. Each 10

4-yr. . . . . \$1 00 \$9 00

### WISTERIA

*Wisteria frutescens magnifica. Yellow-eye Wisteria.* Heavy picturesque vine with handsome foliage and an abundance of large and dense clusters of lilac flowers with yellow spots. Each 10

4-yr. . . . . \$1 50 \$14 00

*W. sinensis. Chinese Wisteria.* 25 ft. Hardy, fast, tall-growing climber, with long clusters of purplish pea-shaped flowers in May. Each 10

5-yr. . . . . \$1 25 \$10 00  
4-yr. . . . . 1 00 8 00

4-yr., grafted plants . . . . . 2 00  
3-yr. grafted plants . . . . . 1 50 13 50

*W. sinensis alba. White Chinese Wisteria.* 25 ft. A white-flowered variety of the preceding. Each 10

4-yr. . . . . \$1 00 \$8 00  
3-yr., grafted plants . . . . . 1 50 13 50





Showing 40 acres of our Hardy Perennial Department between North Abington and Rockland

## HARDY PERENNIALS

**N**O experienced flower-lover need be told about the importance of Hardy Perennials in successful gardens. Beginners should understand that these plants are long-lived, growing larger and finer from year to year, and if the soil is well and deeply prepared for them at the start, they need not be reset for several seasons. They comprise most of the best flowers and make the foundation of any garden.

They exist in infinite variety, ranging in size from the tiniest edging material to tall, robust plants suitable for massing as a background, and in color through all the shades of the rainbow and a lot more.

A garden wholly of perennials is possible, and it is a delightful game to plan its arrangement so that one variety may succeed another in bloom, and provide a season-long procession of different flowers, in ever-varying forms and colors.

For best effect it is essential to plant in clumps, masses, or drifts of one kind sufficiently large to do justice to the flowers. The bigger the plants grow, the fewer are required to make a display. Generally at least five or six are required, even of the largest kinds, and the smaller sorts should be planted by the dozen or hundred.

We have grown perennials successfully for many years, and our acreage has been expanded frequently to supply the increasing demand for them.

New and choice sorts are added every year, and our stock includes an unusually large variety. In the descriptions we have indicated the height each plant attains and the months when the flowers appear.

We are growing perennials at both our Framingham and North Abington Nurseries, but the greatest quantity and most complete list is grown at the perennial department located between North Abington and Rockland, Mass., and we suggest that visitors who are particularly interested in perennials go directly to this part of our nursery pictured at the top of this page.





## General List of Hardy Perennials

**ABOUT PRICES.** We prefer not to sell one plant of a kind, except Astilbes, Irises, and Peonies. Our price is based on 3 of one kind. Too many people try to make gardens by using only one plant of a variety, a procedure bound to lead to disappointment. Three plants at least and, better still, five or ten of a kind, are almost always necessary to do justice to a variety or to produce the mass and color effect desired. Nevertheless, if only one plant of a kind is required, we will furnish it at one-third of the three rate.

Unless otherwise indicated, the price of Hardy Perennials is 90 cts. for 3, \$2.40 for 10, \$18 per 100. Five or more plants of one kind will be sold at the 10 rate and 25 or more of one kind at the 100 rate when it is given. Ten plants of different kinds, such as 10 different varieties of Asters, will not be sold at the 10 rate. The lower rate applies only when five or more plants of one variety are ordered.

By consulting the following list, one can plan a garden or border which will produce a succession of bloom from early spring until late in the autumn. Almost all our plants are strong, field-grown sorts, except a few species which transplant better if they are grown in pots.

Those marked with an asterisk (\*) are particularly adapted to the rock garden

### ACHILLEA • Yarrow

The Achilleas are a large family and provide many useful garden plants. They vary immensely from flat, mat-like forms to tall, bold specimens closely approaching shrubs. As they delight in dry, sunny locations, they are useful in many difficult places in the garden or border. Most of them have pungent, aromatic foliage.

\**Achillea ageratum*. *Sweet Yarrow*. 12 to 18 in. July to October. Flat heads of pale yellow flowers and fern-like foliage. Excellent for covering dry, bare places. edge of shrubbery or in border. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**A. filipendulina*. *Fernleaf Yarrow*. 3 to 4 ft. June to September. Flowers bright yellow, in flat heads. Neat foliage. A bold, handsome plant. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**A. millefolium*. *Common Yarrow*. 18 to 24 in. July. Fine fern-like leaves and flat heads of white flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**A. millefolium*. *Cerise Queen*. 15 to 20 in. June to November. A highly developed form of the above with cherry-red flowers on long stems.

\**A. millefolium rosea*. *Pink Yarrow*. 18 in. June to October. Rosy pink flowers in dense heads. Effective on

*A. ptarmica*, *Boule de Neige*. 12 to 15 in. June to August. Flowers not so large as those of *The Pearl*, but of more perfect form, fuller centers, and purer color.

*A. ptarmica*, *Perry's White*. 2 ft. June to September. A choice new variety, bearing pure white flowers with broad, overlapping petals. Nothing better for cutting.

*A. ptarmica*, *The Pearl*. 2 ft. July to October. Small heads of pure white flowers borne in great profusion on strong wiry stems. It is of great value for mixing with other cut-flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**A. tomentosa*. *Woolly Yarrow*. 5 to 6 in. July to September. Bright yellow flowers. Excellent for edging and rockeries.





## ACONITUM • Monkshood

One of the difficult garden problems is solved by the Aconites. They provide the rare and highly prized blue color late in the season, when there is a predominance of yellow and red, and make an excellent substitute for Delphiniums which are past their best when the Aconites begin. Then, too, they seem to be indifferent, more or less, to location, thriving well in the shade. Contrasted with Helianthus and Rudbeckias, or the white *Chrysanthemum maximum* and the forms of *Anemone japonica*, they are especially pleasing. They require several seasons to get in their best form and should therefore be disturbed as infrequently as possible.

**Aconitum autumnale. Autumn Monkshood.** 4 to 5 ft. September to frost. Large spikes of dark blue, curiously hooded flowers. Especially good for shady places. \$1.50 for 3, \$4 for 10, \$25 per 100.

**A. autumnale barbatum.** 1½ to 3 ft. June and July. Flowers are bluish violet tipped darker. An excellent early-flowering dwarf sort. \$1.05 for 3, \$3 for 10.

**A. fischeri. Azure Monkshood.** 18 to 24 in. September and October. Short spikes of large, clear blue flowers and bright, glossy foliage. One of the finest for late flowers. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

**A. fischeri wilsoni.** 5 to 6 ft. September. A recent introduction from northern China, of strong, stately habit, with light violet-blue flowers. This is an extremely handsome variety, producing a profuse display of lovely light blue at the time this color is rarest and most appreciated in the garden. The stock has been extremely scarce. \$2.25 for 3, \$6 for 10, \$50 per 100.

**A. napellus. Aconite.** 3 to 4 ft. July and August. Long spikes of large, dark blue flowers. One of the oldest and best-liked varieties. \$1.05 for 3, \$2.70 for 10, \$24 per 100.

**A. napellus bicolor. Bicolor Aconite.** 2 to 2½ ft. July and August. This variety has variegated blue and white flowers, which are very effective. \$1.20 for 3, \$3.50 for 10.

**A. napellus, Sparks. Sparks' Aconite.** 2½ to 4 ft. July and August. Very dark blue flowers. One of the finest Aconites because of its free-blooming quality, and makes a fine display for a long time. \$1.05 for 3, \$3 for 10, \$25 per 100.

**A. uncinatum. Clambering Monkshood.** 3 to 5 ft. August to October. Stems slender, inclined to climb, with thick, deeply cut leaves and blue flowers. \$1.05 for 3, \$2.50 for 10, \$20 per 100.

## ACORUS • Sweet Flag

**Acorus calamus. Sweet Flag.** 2 ft. June and early July. A swamp or water plant. Slender, sword-like leaves. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

## ACTAEA • Baneberry

**Actaea alba. White Baneberry.** 1 to 2 ft. May and June. Similar to Red Baneberry but the berries are china white on red stems. Very decorative. Best in shady places.

**A. rubra. Red Baneberry.** 18 to 24 in. May and June. An erect plant with showy spikes of white flowers, followed by handsome clusters of red berries.

## AEGOPODIUM • Goutweed

**\*Aegopodium podagraria variegatum. Silver-edge Goutweed.** 12 to 15 in. Late in May and June. A rapid-growing plant with decorative white-margined leaves. Fine for edgings, rock gardens, and covering barren places.

## ALLIUM

**\*Allium thibetica.** A fine rock plant, with a cluster of dark green, slender foliage from which rise slender stems, 6 to 8 inches high, bearing clusters of lilac-mauve flowers in June and July.

## ALSTROEMERIA

**Alstroemeria aurantiaca. Yellow Alstroemeria.** 2 ft. July and August. A very attractive perennial with yellow lily-like flowers in terminal clusters and long narrow foliage. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

## ALTHAEA ROSEA • Hollyhock

Like roses, no one needs an introduction to the Hollyhocks. They are familiar, friendly flowers which have that home-like, old-fashioned air so desirable in the garden. Especially effective against a fence or stone wall, massed in corners, or clustered against a gate, they are also splendid at the back of the flower-border, or wherever a tall, slender, but self-supporting plant is desired. Their color-range is almost limitless, blue and golden yellow alone being missing. They flower during July and August. We grow all the good strains obtainable, and offer strong, field-grown plants.

**Double Varieties.** Greatly admired for their double frilled lasting flowers. Apple-blossom, Blood-Red, Crimson, Deep Rose, Dr. Faust, Orange King, Pink, Salmon, White, and Yellow. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**Single Varieties.** Preferred by many discriminating people to the double varieties because of their more artistic form, and greater liberality in bloom. Pink, Red, White, and Yellow. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**Allegheny.** This strain produces giant fringed flowers in a wide range of handsome colors. 75 cts. for 3, \$2.20 for 10, \$15 per 100.



*Aconitum fischeri*

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100



Anemone

## AETHIONEMA

\**Aethionema iberideum*. *Stone Cress*. 8 to 10 in. June and July. Delightful, wiry tufts of gray-blue foliage, crowned in early summer with clusters of snowy flowers like a glorified sweet alyssum. Very hardy, and a top-notch rock plant. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

## AJUGA

\**Ajuga brockbankii*. 4 to 6 in. June and July. Spikes of blue flowers rising above showy purple foliage. \$1.50 for 3, \$4 for 10.

\**A. genevensis*. *Geneva Bugle*. 6 to 8 in. May. Long, showy spikes of bright blue flowers. Adapted for carpeting or bedding in shady borders.

\**A. reptans rubra*. *Purple-leaved Bugle*. 5 to 6 in. Early May to mid-June. A dense, creeping plant with numerous blue flowers on erect spikes. Good for carpeting shady places.

## ALYSSUM

The Alyssums are useful edging plants, and are much used in rock gardens. The perennial sorts offered here are somewhat over a foot high and some of them bloom very early in the season, providing low edging plants at a time most annual edgings are not yet in flower. Good rock plants and require no special treatment, although they like plenty of sunlight.

\**Alyssum argenteum*. *Silver Alyssum*. 12 to 15 in. June to August. The yellow flowers come in dense clusters, with small white leaves beneath, giving a peculiarly beautiful silver effect. Suitable for rock garden and border. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**A. rostratum*. *Yellow-head Alyssum*. 1 ft. June and July. Bright golden yellow flowers in dense heads. A very useful sort.

\**A. saxatile compactum*. *Dwarf Goldentuft*. 1 ft. Mid-April to June. A very showy spring plant for the rockery or border, having fragrant yellow flowers in clusters, and silvery foliage. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**A. saxatile sulphureum*. 1 ft. April to June. The very abundant flowers are a soft creamy shade of sulphur-yellow which combines well with soft blue blooms, like forget-me-nots. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

## AMSONIA

*Amsonia salicifolia*. *Willow Amsonia*. 1½ to 2½ ft. Late May and early June. Shrubby habit, with stiff, willow-like leaves which are held late, and small light blue flowers with white throats.

*A. tabernaemontana*. *Willow Amsonia*. 2 to 3 ft. Late May and early June. Small grayish blue flowers in panicles, but the beauty of the plant is in its stiff olive-like foliage which remains in perfect condition all season.

## ANCHUSA • Bugloss

A very variable race of plants which provides the much-desired blue flowers. They do well in borders in full sun, but the Dropmore variety seems to prefer a little shade.

*Anchusa barrelieri*. *Early Bugloss*. 2 to 3 ft. May and June. A bushy plant bearing an abundance of small, dark blue flowers with light pink or yellowish throats.

*A. italica*. *Italian Bugloss*. 3 to 4 ft. Large heads of fine blue flowers in June, similar to very large forget-me-nots. Rough leaves and stems.

*A. italica*, *Dropmore*. *Dropmore Bugloss*. 4 to 5 ft. May. An improved variety of the preceding, with rich gentian-blue flowers. One of the most desirable perennials.

*A. italica*, *Opal*. *Opal Bugloss*. 3 to 4 ft. Summer. Much like Dropmore but has very beautiful large pale blue flowers.

\**A. myosotidiflora*. *Siberian Bugloss*. 10 to 12 in. May and June. A distinct, dwarf perennial variety from Russia, with clusters of charming blue flowers resembling forget-me-nots. An effective rock plant for shady places. \$1.20 for 3, \$3.50 for 10, \$24 per 100.

*A. sempervirens*. *Evergreen Bugloss*. 3 ft. July. Lavender-blue flowers and broad, almost evergreen leaves.

## ANEMONE

There are two distinct classes of Anemones. The early sorts are mostly dwarf, and are charming little plants for woodland or rockery. The Japanese sorts bloom in late summer and fall, are much taller, and form fine big clumps that have an artistic grace unequaled by any other flowers in their season. They look especially well against a background of evergreens, and are equally effective in the middle of the perennial border.

*Anemone canadensis*. *Meadow Anemone*. 1 to 2 ft. May to July. White, cup-shaped flowers an inch across, borne in a cluster of three large leaves. One of the best of our native Anemones, and adapted to shady positions where it makes a fine level growth of lovely foliage. Fine for naturalizing.

\**A. hupehensis*. *Chinese Anemone*. A perfect little gem, closely allied to *A. japonica* which it resembles in a miniature way. It grows from 18 to 24 inches high, and produces an abundance of pleasing mauve-rose flowers about 1½ inches across, from early in August until late in autumn. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

*A. japonica*. *Japanese Anemone*. 2 ft. September and October. Beautiful rosy red flowers with bright yellow stamens. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

*A. japonica alba*. *White Japanese Anemone*. 3 ft. September and October. Glistening white flowers, useful for cutting. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

*A. japonica*, *Alice*. 2 to 3 ft. September and October. Very large flowers of pale silvery rose-pink. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

*A. japonica*, *Mt. Rose*. 3 ft. September to November. Very large, double flowers of delightful rose-pink color. 90 cts. for 3, \$2.50 for 10, \$20 per 100.





Border of Long-Spurred Aquilegias

*Anemone japonica*, Prince Heinrich. 2 to 3 ft. September and October. Large, very double, dark pink, almost red flowers, borne very freely. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

*A. japonica*, Queen Charlotte. 3 ft. September and October. Large, semi-double, deep pink flowers. Desirable for cutting; is well known and widely planted. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

*A. japonica*, Richard Arends. 4 ft. September and October. Glistening white, single flowers, sometimes tinted with lavender. Vigorous plant. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

*A. japonica rosea superba*. 2 ft. September and October. Flowers of medium size, delicate silvery rose-color, borne profusely on rigid stems. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

*A. japonica*, Whirlwind. 3 ft. September and October. Large, semi-double, snowy white flowers with a whorl of green around base of petals. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

\**A. pulsatilla*. *European Pasque Flower*. 9 to 12 in. April and May. Well adapted for border or rockwork. Flowers blue and come before the lacy, deep green foliage appears. Afterward the plant is adorned with curious, feathery seed-pods which add to its attraction. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

\**A. pulsatilla rubra*. *Red European Pasque Flower*. 9 to 12 in. April and May. A red-flowering form of *A. pulsatilla*. Fine for rockery or border. \$1.05 for 3, \$2.70 for 10, \$24 per 100.

\**A. sylvestris*. *Snowdrop Anemone*. 12 to 15 in. May to July. Large creamy white flowers which nod gracefully. Foliage deeply cut at top, hairy beneath. Good in border or partial shade.

## ANTHERICUM

*Anthericum liliago*. *St. Bernard's Lily*. 2 to 3 ft. May and June. A very decorative specimen or border plant with slender, ribbon-like leaves and tall stems bearing loose spikes of starry white flowers tipped with green. Of very easy culture. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*A. liliago giganteum*. See *Paradisea*.

## ANTENNARIA

\**Antennaria dioica*. *Common Pussy-Toes*. 5 to 6 ft. July and August. A low, rosette-like plant for rockery. White, woolly flowers on short, erect stems.

## ANTHEMIS • Camomile

These are very hardy bushy plants with daisy-like flowers and strongly scented pungent foliage. They are excellent and enduring subjects for the perennial border and require only ordinary soil and full sunlight.

*Anthemis nobilis*. *Common Camomile*. 18 in. June and July. Single, white-rayed flowers. A beautiful bushy plant with fern-like foliage. Well-known medicinal herb.

*A. tinctoria*. *Yellow Camomile*. 2 to 3 ft. June to November. Of bushy habit, with angular stem and daisy-like golden yellow flowers, 1 to 2 inches across.

*A. tinctoria kelwayi*. *Kelway Camomile*. 2 to 3 ft. June to October. Pretty lemon-yellow flowers similar to the preceding. Good for cutting and for the border.

## AQUILEGIA • Columbine

The Columbines are among the best-known and best-liked plants, thriving, as they do, under many diverse conditions of sun, shade, and varying soil. They are especially good at the edge of a shady border or among the ground-cover beneath densely foliated trees. They combine well with almost all plants, but show up especially well with hemerocallis, pachysandra, wild ferns, *Filipendula hexapetala*, various irises, trolius, and lupines. For rockeries, the native *Canadensis* is superb. They are persistent perennials, although they are likely to disappear unaccountably. As they seed very freely, there are always new plants to replace missing ones.

\**Aquilegia caerulea*. *Colorado Columbine*. 12 to 18 in. May to July. Outside petals blue and throat white. Long-spurred flowers.

\**A. canadensis*. *American Columbine*. 2 ft. May and June. Our well-known native species, with scarlet sepals and bright yellow petals. One of the gayest of all flowers and most useful for rock gardens. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**A. chrysantha*. *Golden Columbine*. 3 ft. June to August. Numerous fragrant and showy golden yellow flowers, with long, slender spurs.



*Aquilegia flabellata nana*

\**Aquilegia flabellata nana*. *Fan Columbine*. 8 to 12 in. June. Dwarf, compact species with showy purple or lilac flowers. Excellent for rock gardens. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**A. flabellata nana alba*. *White Fan Columbine*. 8 to 12 in. June. A dwarf white form of the above. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**A. formosa*, *Long-spurred Hybrids*. *California Columbine*. 2 to 3 ft. May to July. Large flowers of a bewildering wealth of delicate colors. Spurs very long and fine. Foliage broad and ornamental.

*A. skinneri*. *Mexican Columbine*. 2 ft. May and June. Crimson sepals lined with light green petals and long, straight, crimson spurs. Good border plants. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*A. vulgaris*. *European Columbine*. 2 ft. May to July. Flowers in all shades of blue, white, red, and purple. Strong, vigorous habit of growth. An effective border plant. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*A. vulgaris alba*. *White European Columbine*. 2 to 3 ft. May and June. Large, pure white flowers valuable for cutting.

*A. vulgaris nivea*. *Munstead White Columbine*. 2 to 3 ft. May and June. Produces a great profusion of large, pure white flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*A.*, *Mrs. Scott Elliott's Hybrids*. 2 to 3 ft. June and July. Various shades of pink. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

## ARENARIA • Sandwort

\**Arenaria balearica*. *Corsican Sandwort*. Very dwarf, forming dense carpets 1 inch high, with tiny white flowers. Useful for dry walls and in the rockery. Blooms nearly all summer. \$1.05 for 3, \$2.70 for 10.

\**A. montana*. *Mountain Sandwort*. 4 to 6 in. May and June. Very desirable evergreen trailing plant, forming a dense carpet of foliage and covered with large white flowers. Splendid for the rock garden.

\**A. verna caespitosa*. *Moss Sandwort*. 1 to 3 in. June. A compact, mossy plant with small flowers on thread-like stems which creeps along the ground and between stones. Excellent for the rock garden and informal flagged walks.

## ARABIS • Rock Cress

These are edging plants of the highest quality, producing a mat of white flowers very early in the season, and providing a soft, grayish green carpet throughout the rest of the season. Splendid both for rockwork and edging borders.

\**Arabis albida*. *Wall Cress*. 6 to 9 in. May. Fragrant white flowers in clusters. Especially adapted to stony banks.

\**A. albida flore-pleno*. Double-flowering form of the above. Very desirable. \$1.05 for 3, \$3 for 10, \$24 per 100.

\**A. alpina*. *Alpine Rock Cress*. 9 in. April and May. Flowers smaller but similar to the former variety and produced in even greater profusion. One of the best rock plants. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**A. alpina nana compacta*. *Dwarf Alpine Rock Cress*. 6 in. or less. April and May. Similar to the preceding but lower and denser.

\**A. mollis*. May and June. Glossy tufted plants bearing clouds of white flowers. Foliage attractive all season. \$1.05 for 3, \$3 for 10, \$20 per 100.

## ARMERIA • Thrift

For the edging plants which are commonly called Armeria, see *Statice*.

## ARTEMISIA • Wormwood

This family embraces many aromatic and bitter herbs from which various drugs are extracted. Mostly they are used in the garden for their beautiful foliage effects, but *A. vulgaris lactiflora* is a handsome flowering plant which has attracted considerable attention and has found many decorative uses in garden schemes. All these plants delight in poor, dry soil and in sunny situations, a fact that gives them unusual importance.

*Artemisia abrotanum*. *Old Man; Southernwood*. 3 to 4 ft. Flowers inconspicuous. Foliage deep green, with a pleasant, aromatic fragrance, and finely cut. \$1.50 for 3, \$4.50 for 10.

*A. absinthium*. *Common Wormwood*. 2 to 4 ft. Flowers unimportant. An old-fashioned garden herb from which the bitter wormwood tea is brewed.

*A. dracunculus*. *Tarragon*. 3 ft. Another old-fashioned herb with dark green, pointed foliage, which is used for flavoring. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*A. pontica*. *Roman Wormwood*. 9 to 12 in. Bushy, erect plants with handsome silvery foliage and whitish yellow flowers in nodding heads.

*A.*, *Silver King*. *Ghost Plant*. 3 ft. July. White, silvery leaves and sprays of mist-like flowers, useful for cutting and for lightening heavy color combinations in the border. Sprays keep indefinitely and may be dried for winter bouquets. A very useful plant. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

\**A. stelleriana*. *Beach Wormwood*. 12 to 18 in. Silvery, divided foliage. A fine plant for naturalizing, especially in difficult or sandy places. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*A. vulgaris lactiflora*. *White Mugwort*. 3 to 4 ft. August and September. Unlike the other varieties, which are grown for their foliage, this introduction from China bears sprays of creamy white flowers on tall, erect stems which are clothed with fine-cut, dark green foliage. It makes a splendid cut-flower for mixing with flowers of decided color or form, such as delphiniums. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100



## ASTER

A very beautiful class of hardy plants, including a great variety of forms which vary a great deal in time of blooming, size of flowers, and stature. The dwarf, alpine species indicated below bloom early and are splendid decorative plants for either rockery or border. The tall, fall-blooming kinds, or Michaelmas Daisies, are descendants from the beautiful wild New England Aster so common in Massachusetts, and many other native species.

The Asters are 75 cts. for 3, \$2.20 for 10, \$15 per 100, except where noted otherwise

**Aster acris.** 1 ft. September. Large blue flowers with handsome long rays. Very showy.

\***A. alpinus.** *Rock Aster.* 6 to 9 in. Late May to June. Large, showy blue flowers, each on good stem for cutting. Desirable for rock garden or border.

\***A. alpinus albus.** 6 in. White flowers similar to the preceding.

\***A. alpinus giganteus.** 12 to 15 in. Soft blue flowers of unusually large size. A more robust plant than *A. alpinus*.

**A. alpinus ruber.** 6 to 12 in. May and June. Bright reddish lavender flowers.

**A. amellus bessarabicus.** *Bessarabian Aster.* 18 in. August. Showy, dark purplish blue flowers, with orange center. Good for cutting.

**A. amellus elegans.** 12 to 18 in. August. A fine free-blooming sort with bright bluish lilac flowers.

**A. amellus roseus.** 12 to 18 in. August. Rich purple-rose flowers, with golden centers. 90 cts. for 3, \$2.40 for 10.

**A. ericoides.** *Heath Aster.* 18 in. October. Neat little plants with heath-like foliage and arching sprays of fairy-like white flowers with yellow centers. A small but elegant variety.

**A., Japanese.** 2 ft. An unnamed variety from Japan which is entirely distinct from all other hardy Asters. The symmetrical plants bear double white flowers something like the double white feverfew, from July to September. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

**A. laevis.** *Smooth Aster.* 3 to 4 ft. September and October. Large blue flowers.

\***A. longifolius.** *Long-leaved Aster.* 12 to 18 in. June. Similar to *A. alpinus* but larger and with broad leaves 3 to 5 inches long. Flowers are large and vary from violet to white.

**A., Mauve Cushion.** 9 in. October and November. A cushion-like plant. The flowers are delicate mauve and are produced in great numbers. A recent importation from Japan and of unusual beauty. 90 cts. for 3, \$2.40 for 10, \$18 per 100.

**A. multiflorus.** *Wreath Aster.* 18 in. September. Multitudes of small white flowers. A native which is happy in dry places.

**A. novae-angliae.** *New England Aster.* 3 to 5 ft. August and September. Our grandest American species which adorns our Massachusetts hills and fields everywhere with thousands of large violet-purple flowers.

**A. novae-angliae roseus.** 3 to 4 ft. August and September. A charming variety of the above in all shades of rose-pink.

**A. novae-angliae roseus superbus.** 3 to 4 ft. August and September. An almost red form of the preceding, and a profuse bloomer. \$1.20 for 3, \$3.50 for 10, \$24 per 100.

**A. novi-belgi.** *New York Aster.* 3 to 5 ft. September and October. Pale blue flowers of medium size. One of the most distinct and beautiful.

**A. ptarmicoides.** *White Upland Aster.* 18 in. August and September. Produces a multitude of small white and sometimes faintly yellow flowers in flat sprays. Useful for cutting. The plant is bushy.

**Aster spectabilis, Nenco.** *Seaside Aster.* 2 ft. A stout plant with very large lavender-purple flowers. It usually does well near the coast. 90 cts. for 3, \$2.40 for 10, \$18 per 100.

**A. tataricus.** 5 to 6 ft. October and November. A very tall variety with large blue-violet flowers. The latest Aster to bloom.

## Named Hardy Asters

The Aster family is almost endless, and European hybridizers have produced an amazing number of very beautiful forms, of which we offer the choicest. They abound in shades of lavender, pink, and bluish purple, and produce an indescribably beautiful mass effect at the back of the border or at the edge of a shrubbery. They will thrive in poor soil, but to be seen at their best they should be well treated. They are worth it.

**Abendroth.** 5 ft. September and October. Bright rosy red flowers in great profusion. One of the best. 90 cts. for 3, \$2.40 for 10, \$18 per 100.

**Anita Ballard.** 4½ ft. August and September. Very large, pale cornflower-blue, semi-double flower with incurved rays. \$1.05 for 3, \$3 for 10, \$21 per 100.

**Beauty of Colwall.** 4 ft. August and September. Charming double flowers of soft lavender. 90 cts. for 3, \$2.40 for 10, \$18 per 100.



Aster, Queen Mary

**NAMED HARDY ASTERS, continued**

**Blue Gem.** 4 to 5 ft. September and October. Very large, double flowers of a glorious shade of rich dark blue. One of the handsomest ever introduced. \$1.20 for 3, \$3.50 for 10.

**Climax.** 5 ft. August to October. One of the finest Asters, producing large flowers (2 inches across) of clear light blue with golden central disk. 90 cts. for 3, \$2.40 for 10, \$18 per 100.

**Elta.** 3 to 4 ft. October. Semi-double flowers of a handsome pale lilac shade, which last well when cut. \$1.20 for 3, \$3.50 for 10, \$24 per 100.

**Feltham Blue.** 2½ to 4 ft. August and September. A decorative, free-blooming variety with bright blue flowers, having yellow centers. 90 cts. for 3, \$2.40 for 10, \$18 per 100.

**Grey Lady.** 3 to 4 ft. Large, semi-double flowers of a most exquisite shade of opal-gray, resembling small chrysanthemums. \$1.20 for 3, \$3.50 for 10, \$24 per 100.

**King of the Belgians.** 3 ft. September. Immense, semi-double, lavender-blue flowers with bright golden centers. \$1.20 for 3, \$3.50 for 10, \$24 per 100.

**Lady Lloyd.** 3 to 4 ft. August and September. A very beautiful variety with large heads of clear rose-pink flowers. 90 cts. for 3, \$2.40 for 10, \$18 per 100.

**Lady Trevellyn.** 3 to 4 ft. August. Immense heads of white flowers with yellow centers. Most conspicuous and ornamental.

**Mme. Emile Thoury.** 3 ft. August. Profuse bloomer; flowers light ageratum-blue. Earlier than Climax. \$1.20 for 3, \$3.50 for 10, \$24 per 100.

**Peggy Ballard.** 3 ft. September. Large, pyramidal sprays of double rosy mauve flowers on compact plants. A fine thing. 90 cts. for 3, \$2.40 for 10, \$18 per 100.

**Perry's White.** 2 ft. August and September. White flowers over 2½ inches across, with a golden disk that turns to rich maroon.

**Queen Mary.** 3 to 4 ft. September and October. Enormous rich blue flowers in large, conical trusses. A new sort of great merit, much praised abroad. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

**Sam Banham.** 3 to 4 ft. August. Long, feathery sprays of large, pure white flowers. \$1.20 for 3, \$3.50 for 10, \$24 per 100.

**Snowflake.** 2 ft. August and September. Flowers snow-white. Fine.

**St. Egwin.** 18 to 24 in. September and October. A charming bright pink Aster produced on strong, symmetrical plants. 90 cts. for 3, \$2.40 for 10, \$18 per 100.



Aubrietia deltoidea

**Thomas Ware.** 3 to 4 ft. Late. Effective delicate pink flowers. Very dense habit.

**White Climax.** 5 ft. September. A pure white form of the ever-popular Climax. 90 cts. for 3, \$2.40 for 10, \$18 per 100.

**Ypres.** 12 to 18 in. August and September. Neat, compact bushy plants with profuse clusters of rosy red flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**ARRHENATHERUM • Oat Grass**

**\*Arrhenatherum bulbosum variegatum.** *Variegated Oat Grass.* 6 to 12 in. A dwarf grass with variegated green and white leaves. Makes a fine edging along a shrub border, or good foliage masses among other perennials.

**ARUNCUS • Goatsbeard**

**Aruncus sylvester.** *Common Goatsbeard.* 4 ft. June. A bold and highly ornamental perennial, resembling the astilbes but taller, and producing long, feathery plumes of white flowers. \$1.05 for 3, \$3 for 10, \$20 per 100.

**ASCLEPIAS • Milkweed**

**Asclepias incarnata.** *Swamp Milkweed.* 3 to 4 ft. July. Leafy and branching, with nodding heads of showy purplish red flowers. The seed-pods are curiously owl-like and they are fascinating in winter before they discharge their silky seeds in spring.

**A. tuberosa.** *Butterfly Weed.* 18 to 24 in. July to September. A handsome low, bushy plant, with heads of dazzling orange-colored flowers. Fine plant for naturalizing.

**ASPERULA • Woodruff**

**\*Asperula odorata.** *Sweet Woodruff.* 6 to 8 in. May. Erect little plants with fine-toothed leaves in clusters of eight, and heads of snowy white flowers. Increases rapidly and is used for carpeting shady places and for edgings. A fine scented herb. 90 cts. for 3, \$2.40 for 10, \$20 per 100.

**ASPHODELINE • Jacob's-Rod**

**Asphodeline lutea.** *Common Jacob's-Rod.* 2 to 3 ft. July and August. A fine border plant, having tall spikes of very fragrant, bright yellow, lily-like flowers and sword-like foliage.

**AUBRIETIA**

Charming little plants closely related to the alyssum tribe and used for the same purpose, providing a wide range of purple, violet, and pink shades in ideal plants for rockwork or edging.

**\*Aubrietia deltoidea.** *Common Aubrietia.* 3 to 4 in. April and May. Small, showy purple flowers which almost hide the silvery foliage, making a closely woven mat between rocks and along edges of borders. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\*A. deltoidea bougainvillei.** *Bougainville's Aubrietia.* 4 in. May. A more compact little plant than the foregoing, with flowers of light violet. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\*A. deltoidea graeca.** *Greek Aubrietia.* 3 to 4 in. May. A rock plant of trailing habit, thickly covered with dark violet flowers larger than other Aubrietias. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\*A. deltoidea purpurea.** *Purple Lady Aubrietia.* 4 to 5 in. May. Large, purple flowers and a more erect growth. \$1.05 for 3, \$2.70 for 10, \$20 per 100.





Astilbes succeed in shady places

## ASTILBE

The fluffy plumes of the Astilbes have an airiness and a laciness about them unequalled by any perennial of similar habit. They are not very common in gardens, although they succeed well in ordinary soil, and even in partial shade if they are given plenty of water during the growing and flowering season. They are most familiar as pot plants from the florists, who usually call them "Spireas," which they are not.

They have an indescribable beauty when used as an edging to a border of shrubs or evergreens, and the many varieties shade into each other in delicate tints of white, cream, pink, and rose. We recommend them highly.

**Astilbe arendsi.** This is a horticultural name given to a number of hybrids of *A. davidi*, all of exquisite beauty, and of which a representative collection follows:

**America.** 2 to 2½ ft. July. A charming, pale pink, medium tall variety which is very free flowering. 50 cts. each, \$4 for 10, \$30 per 100.

**Betsy Cupereus.** 5 ft. July and August. Stout, well-filled spikes, tipped with drooping sprays of pure white flowers dotted with pink in the center. 60 cts. each, \$5 for 10.

**Ceres.** 2½ to 3 ft. Last of July to August. Well-branched panicles of brilliant rosy lilac flowers. 50 cts. each, \$4 for 10.

**Gerbe d'Argent.** 2 to 3 ft. July. The big sprays of almost pure white flowers are most handsome. 50 cts. each, \$4 for 10, \$30 per 100.

**Gloria.** 2 ft. July and August. Compact dwarf plants with dense, plummy sprays of deep pink flowers. 40 cts. each, \$3.50 for 10, \$25 per 100.

**Juno.** 3 ft. June. Plumes rich violet-rose. 50 cts. each, \$4 for 10, \$30 per 100.

**Marguerite van Rechteren.** 5 ft. August. A handsome, tall sort with fringy red flowers tinted with lilac. 60 cts. each, \$5 for 10.

**Meta Immink.** 3 ft. July. Deep pink flowers in dense plumes. 50 cts. each, \$4 for 10, \$30 per 100.

**Moerheim.** 4 ft. July. Its well-branched, erect spikes of flowers have a length of over 2 feet and are pure white. 50 cts. each, \$4 for 10, \$35 per 100.

**Pyramidal.** 2 to 3 ft. July. Very fine panicles of pure milky white. 50 cts. each, \$4 for 10, \$30 per 100.

### Astilbe arendsi, continued

**Rose Pearl.** 2½ ft. July and August. Shell-pink flowers of a very delicate and appealing shade. 40 cts. each, \$3.50 for 10, \$30 per 100.

**Salland.** 6 ft. August. Gigantic feathery sprays of rich red flowers. 50 cts. each, \$4 for 10, \$30 per 100.

**Vesta.** 3 ft. July. Very graceful plumes of light mauve and lilac. 40 cts. each, \$3.50 for 10, \$30 per 100.

**A. astilboides. Goatsbeard Astilbe.** 2 to 3 ft. July. The erect branching panicles are crowded with dense clusters of white flowers. 35 cts. each, \$2.70 for 10, \$20 per 100.

**A. chinensis. Chinese Astilbe.** 18 in. July and August. Finely cut foliage. Pink flowers in fine sprays which are effective in masses and in the border. 35 cts. each, \$2.70 for 10, \$20 per 100.

**A. davidi. David's Astilbe.** July and August. The flower-spikes are 5 feet high, like a gigantic *A. japonica*, of lovely pink. 50 cts. each, \$4 for 10.

**A. japonica. Japanese Astilbe.** 1 ft. June and July. Its plume-like spikes of pure white flowers and pretty dark green foliage make this a valuable sort for shady places in the garden or forcing. 35 cts. each, \$2.70 for 10, \$20 per 100.

**A. japonica, Peach Blossom.** 15 to 18 in. July and August. Soft pink flowers. 40 cts. each, \$3.50 for 10, \$27 per 100.

**A. japonica, Queen Alexandra.** 2 ft. June. A very fine early-flowering variety of soft creamy pink color. 40 cts. each, \$3.50 for 10, \$24 per 100.

**A. japonica, W. E. Gladstone.** 2 ft. June. Similar to Queen Alexandra, but has feathery plumes of pure white flowers. 50 cts. each, \$4 for 10, \$30 per 100.

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100



*Boltonia latissuama*. Splendid for cutting

### BAPTISIA • Wild Indigo

*Baptisia australis*. **Blue Wild Indigo**. 2 to 3 ft. June and July. A handsome plant, with deep blue, lupine-like flowers in long, curving racemes. Very effective planted with *Hemerocallis flava*.

*B. tinctoria*. **Yellow Wild Indigo**. 2 to 3 ft. July. A bushy plant with dark green, deeply cut foliage and showy spikes of bright yellow flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

### BELAMCANDA • Blackberry Lily

*Belamcanda chinensis*. **Blackberry Lily**. 2 to 3 ft. July and August. A loosely formed, iris-like plant with slender, much branched stems bearing bright orange-yellow, lily-like flowers, spotted with brown.

### BELLIS • English Daisy

The true Daisies make dense rosettes of dark green leaves and bloom profusely early in the spring. They are especially charming edging plants and do well in half-shady places in the rockery. They must be kept dry in winter and should have slight protection.

*Bellis perennis*. **English Daisy**. 3 to 6 in. April to June. Densely double flowers of rosy red, white, and pink. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**B. perennis*, **Giant White**. May and June. A larger flowered type. This variety and the next, when mixed with forget-me-nots, make a lovely edging. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**B. perennis*, **Giant Pink**. A pink form of the preceding. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

### BOCCONIA • Plume Poppy

*Bocconia cordata*. **Pink Plume Poppy**. 5 to 8 ft. July and August. A big, lusty plant with large, ruffled foliage and nodding clusters of creamy flowers which are followed by grayish seeds that make a pleasant rattle in the wind. Good in wild garden or shrubbery and for subtropical effects. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

### BOLTONIA

A group of plants closely related to the hardy asters and useful for the same purposes. Their stems are stiffer and wirier, requiring less support. They are very easy to grow and take care of themselves when once established.

*Boltonia asteroides*. **White Boltonia**. 5 to 6 ft. September and October. Branching stems, bearing numerous aster-like white flowers. One of the best late-flowering perennials. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*B. latissuama*. **Violet Boltonia**. 4 ft. July to October. A handsome plant with large showy heads of pink flowers, tinged lavender. Especially good for cutting and an attractive plant in rough places and in the border. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*B. latissuama nana*. **Dwarf Pink-rayed Boltonia**. 2 ft. Similar to the foregoing but dwarfer and has beautiful pink flowers.

*B. laevigata*. 6 to 7 ft. October. Flowers are pink, fading to white and borne in great profusion. A strong-growing plant for the middle or back of the border. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

### BUPHTHALMUM • Oxeye

*Bupthalmum salicifolium*. **Willowleaf Oxeye**. 18 in. June and July. A showy garden plant of compact habit, with a profusion of flowers like big, clear yellow daisies. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*B. speciosum*. **Heart-leaved Oxeye**. 3 to 4 ft. June and July. A much larger plant than the preceding, with very big, heart-shaped leaves and large, yellow flowers. It grows very thickly and makes splendid masses. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

### CALIMERIS

*Calimeris incisa*. **Starwort**. 1 to 2 ft. July and August. A plant of easy culture in any good soil. Similar to the hardy asters and makes a brave display of large, purple-rayed flowers shading to pale lavender with yellow centers.

### CALTHA

*Caltha palustris*. **Marsh Marigold**. 1 ft. May and June. A cheerful little plant for marshy places and by the sides of streams and ponds. Flowers bright yellow and look like clusters of big buttercups.

### CAREX • Sedge

\**Carex morrowi variegata*. **Silver-edged Morrow Sedge**. 1 ft. A handsome, grass-like plant suited for the border. The stiff, clean, white-edged foliage keeps in condition for months. Perfectly hardy, holding its foliage all winter. \$1.05 for 3, \$3 for 10.

### CASSIA

*Cassia marilandica*. **Wild Senna**. 3 to 4 ft. July and August. Light green, pinnate foliage with showy yellow, lupine-like flowers at top of stem. Fine for naturalizing or shrub border.

### CATANANCHE • Cupids-Dart

*Catananche caerulea*. **Blue Cupids-Dart**. 1 to 2 ft. July and August. Heads of pretty, deep blue, daisy-like flowers on long stems. An everlasting. An old-fashioned herb once famed as the chief ingredient of witch's love-philter.

*C. caerulea alba*. **White Cupids-Dart**. A white form of above.

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100





Campanula muralis



Campanula garganica

## CAMPANULA • Bellflower

No one interested in rock gardening can afford to pass by the Bellflowers, and perennial borders rely upon them for some of their finest effects. They form a very large and much-varied family, containing plants of absorbing interest and beauty for every purpose. The taller sorts are indispensable for handsome garden effects, and the dwarfer types are equally at home in the rockery or at the edge of garden beds. Practically all are good perennials except the Canterbury Bells (*C. medium*), which are biennials and need to be planted every year in order to have a steady supply. The Peach Bells (*C. persicifolia*), which are less known than they should be, are equally beautiful for border use and are true perennials.

\**Campanula alliariaefolia*. 18 to 24 in. July. Erect, pyramidal plants of vigorous habit. Flowers bell-like, white, fringed at the edge, 2 inches long. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

\**C. carpatica*. *Carpathian Bellflower*. A pretty species, growing in compact tufts not exceeding 8 inches in height. Flowers clear blue, held erect on wiry stems. It begins blooming in June, continuing until October. As an edging for a hardy border or for the rockery, it is unsurpassed.

\**C. carpatica alba*. *White Carpathian Bellflower*. 9 in. or more. June to September. A pure, glistening white-flowered variety, almost indispensable in the rock garden. Prettier than the blue variety, of which it is a variation, and the appearance of which is much improved when the white variety is planted with it.

\**C. carpatica turbinata*. *Top Bellflower*. 2 ft. June. Rich purple flowers of top-shape and larger than the above. \$1.05 for 3, \$2.70 for 10.

\**C. carpatica turbinata alba*. *White Top Bellflower*. Similar to the one above, but has white flowers. \$1.05 for 3, \$3 for 10, \$20 per 100.

\**C. garganica*. *Gargano Harebell*. 3 to 4 in. A gem for the rock garden. Forms a low, spreading tuft which in June is covered with starry, light blue flowers having a white eye. Exquisite hanging over a rock. \$1.05 for 3, \$2.70 for 10, \$24 per 100.

\**C. glomerata dahurica*. *Daburian Bellflower*. 18 to 24 in. June and July. A splendid form bearing rich purple flowers in clusters on the ends of the shoots. Especially good for cutting. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*C. glomerata superba*. *Showy Cluster Bellflower*. 2½ ft. June and July. Large clusters of violet-blue flowers. 90 cts. for 3, \$2.40 for 10.

\**C. lactiflora*. *Milky Bellflower*. 2 ft. July and August. One of the best Campanulas and finest of perennials. Wonderful blue flowers and blooms over a long period.

*Campanula latifolia macrantha*. *Royal Bellflower*. 3 ft. June and July. Very handsome, enormous drooping bells of fine satiny lilac and deep purplish shades in splendid spikes.

\**C. latiloba (grandis)*. *Olympic Bellflower*. 18 in. June and July. Very showy, large, saucer-shaped flowers of rich violet-blue, often 2 inches across.

*C. latiloba alba*. A charming form of the above.

*C. medium*. *Canterbury Bells*. 2 to 3 ft. Late June and July. Very large, bell-shaped flowers of blue, white, pink, and mixed. This is, perhaps, the most delicately beautiful species of all the great Bellflower family. The white and pink kinds are especially lovely. Colors separate or mixed, as desired.

*C. medium calycanthema*. *Cup-and-Saucer Bellflower*. 2 to 3 ft. July. The enlarged calyx is of the same color and texture as the flower, giving a cup-and-saucer effect. Pink, Blue, White, and Mixed. Sold in separate colors or mixed, as desired.

\**C. muralis {C. portenschlagiana}*. 6 to 9 in. June and July. A profuse, blue-flowering trailer similar to *C. garganica* but with differently shaped flowers. \$1.05 for 3, \$2.70 for 10, \$24 per 100.

*C. persicifolia*. *Peachleaf Bellflower*. 2 to 3 ft. June and July. Broad, single, blue, bell-shaped flowers arranged along a tall flower-spike. One of the most desirable border plants.

*C. persicifolia alba*. *White Peachleaf Bellflower*. Similar to the above, but has white flowers.

*C. persicifolia*, *Feltham Beauty*. 3 ft. June, July. A delightful new variety with large, single bells of soft, light blue. Most attractive. \$1.05 for 3, \$3 for 10, \$24 per 100.

*C. persicifolia moerheimi*. *Moerheim Bellflower*. 2 ft. June and July. A handsome plant of free, sturdy habit, with large, pure white, semi-double flowers, borne on a stiff, erect flower-stalk. An excellent variety.

*C. pulcherrima*. 2 ft. July. A variety with numerous small blue bells. 75 cts. for 3, \$2.20 for 10, \$15 per 100.



*Cerastium tomentosum*. A delightful edging or rock plant

*Campanula punctata*. **Spotted Bellflower**. 1 ft. July. A very pretty little plant, quite hairy, with large whitish flowers spotted with purple inside. One of the most interesting of the whole family.

*C. pyramidalis*. **Chimney Bellflower**. 4 to 6 ft. July and August. Forms a pyramid composed of numerous stems, crowded with large, handsome blue, salver-shaped flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*C. pyramidalis alba*. **White Chimney Bellflower**. Similar to the above, but has white flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

\**C. rotundifolia*. **Harebell**. 1 ft. June to August. In the wild it is more slender and taller than in the garden. Clear blue flowers. Especially suited for crevices in the rock garden or steep slopes.

\**C. trachelium*. **Coventry Bells**. 2 to 3 ft. July and August. Sturdy, hairy plant, with drooping, light purple, somewhat downy flowers.

### CEDRONELLA

\**Cedronella cana*. **Hoary Cedronella**. 12 to 18 in. July to October. A fine aromatic herb with purple-crimson flowers borne in whorls on long spikes. \$1.05 for 3, \$2.70 for 10.

### CENTAUREA

The Centaureas are bold flowering plants, with graceful, fluffy flowers resembling thistle-blossoms. They bloom over a long season and are useful for cutting.

\**Centaurea dealbata*. **Persian Centaurea**. 2 ft. June to August. Large, rosy pink flowers on leafy stems, with gray-green divided foliage.

*C. macrocephala*. **Globe Centaurea**. 3 ft. July and August. Perhaps the most showy Centaurea with enormous bright yellow flowers. Useful for cutting, and especially suitable for naturalizing or background work.

\**C. montana*. **Mountain Bluet**. 20 in. July and August. A low, bushy plant with big bluish violet flowers, like enormous cornflowers. Valuable for cutting and very effective in the border mixed with pale pink, yellow, or white flowers.

\**C. montana alba*. **White Mountain Bluet**. A white form of the above.

### CENTRANTHUS • Jupitersbeard

*Centranthus ruber*. **Jupitersbeard**. 3 ft. June and July. The old-fashioned garden variety, called "Red Valerian," with many crimson and light red flowers produced steadily through the summer. A fine old flower, much neglected nowadays, which ought to be better known.

*C. ruber albus*. **White Jupitersbeard**. A white form of the above.

*C. ruber roseus*. **Pink Jupitersbeard**. A rare and attractive pink-flowering type, like the preceding in other respects.

### CEPHALARIA

*Cephalaria tatarica*. **Tatarian Cephalaria**. 6 ft. July and August. Flat heads of showy cream-white flowers on good stems for cutting. Suited for rear of border, where bold and striking effects are desired. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

### CERASTIUM

\**Cerastium argenteum* (*C. grandiflorum*). 6 to 8 in. May and June. Silvery gray foliage and white, almost transparent flowers. Plant creeping and suitable for rockwork. \$1.20 for 3, \$3.50 for 10, \$27 per 100.

\**C. biebersteini*. **Taurus Cerastium**. 6 in. May and June. A creeping plant with white flowers and dark green foliage.

\**C. tomentosum*. **Snow-in-Summer**. 3 to 6 in. May and June. Spreading plant with silvery foliage covered with a sheet of small white flowers. Used principally for edging and rockwork. It is especially good in the corners of stone steps and its gray foliage looks well with low pink flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

### CERATOSTIGMA

\**Ceratostigma plumbaginoides*. **Larpente Plumbago**. One of the most desirable border and rock plants. It is of dwarf, spreading habit, growing 6 to 8 inches high, covered with deep blue flowers from late June to early September. Comes up very late in spring so the ground should not be disturbed until it appears. \$1.05 for 3, \$2.70 for 10, \$21 per 100.

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100





Bed of different types of Hardy Chrysanthemums

## CHRYSANTHEMUM

Under this name we find many of the daisy-like flowers referred to as Shasta Daisies, Arctic Daisies, Marguerites, Pyrethrums, and others, as well as the typical fall-blooming Chrysanthemums which are so useful for late color in the garden. All of them are of the easiest culture, thriving even under abuse, but they repay careful attention. Certainly no garden is complete without an adequate representation of this marvelous family of flowers.

**\*Chrysanthemum arcticum.** *Arctic Chrysanthemum.* 18 in. September and October. This charming plant forms an attractive rosette of dark green foliage, covered in September with multitudes of blush-white, daisy-like flowers from 2 to 2½ inches in diameter.

**C. coccineum.** See Pyrethrum at end of Chrysanthemum list.

**\*C. coreanum.** *Korean Chrysanthemum.* 2 to 3 ft. September and October. A superb garden plant, coming into bloom before the first frosts. Flowers are single, 2 to 3 inches across, white at first, acquiring a rose-pink tinge with age. Showy in masses and charming when cut. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**C. maximum, Alaska.** 2 ft. July to September. Large, white flowers which are splendid for cutting and much used by the florists.

**C. maximum, Burbank's Frilled.** 2 ft. July to September. A gorgeous new variety produced by the creator of the original Shasta Daisy. The large, white flowers have great substance and are beautifully undulated and frilled. The stock is in great demand and everyone who has seen it has demanded plants at once. We have watched it in our nursery with increasing enthusiasm from year to year and believe it is superior to existing varieties in size, floriferousness, habit, and form of flower. Strong plants, 75 cts. each.

**C. maximum, King Edward.** 3 ft. July to October. One of the largest and finest varieties, producing Marguerite-like flowers of glistening white.

**C. maximum, Triumph.** 2 to 3 ft. July to September. Gigantic white flowers 4 inches across, on very long stems. Very showy.

**Chrysanthemum maximum, Westralia.** 2½ ft. July to October. A fine new variety with very large, white, long-stemmed flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**C. uliginosum.** *Giant Daisy.* 4 to 5 ft. August and September. A fine, tall-growing variety, bearing a profusion of large, pure white flowers with yellow centers; foliage light green. Desirable for shrubby border. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

### Named Hardy Chrysanthemums

Late in autumn, in the midst of frosts and freezes, these Hardy Chrysanthemums make the garden gay with color. They should be planted most generously in order to provide a brave display, for they are almost the only things in bloom at their season. They may be interplanted with earlier flowers, or moved in to follow such things as Canterbury bells. A very successful way of handling them is to grow them all summer in an out-of-the-way place—a nursery or even in the vegetable-garden—and move them to the places where they are to flower when the ground is cleared of other plants. They may be moved when in full bloom without interfering with their beauty, and live on from year to year, spreading rapidly, but should have a light covering after the ground has frozen.

Except where noted, all named Hardy Chrysanthemums are 90 cts. for 3 of one kind, \$2.40 for 10 of one kind (5 of one kind sold at this rate), \$18 per 100 of one kind (25 of one kind sold at this rate). Please order at least 3 of one kind for most satisfactory results. We cannot furnish 10 plants of 10 varieties for \$2.40.

**Aberdeen.** Pompon. Flowers of bright maroon.

**Autumn Glow.** Large flowers of rosy crimson.

**Baby Marguerite.** Button. Pure white.

**NAMED HARDY CHRYSANTHEMUMS, con.**

**Barbara Cumming.** Single. August to October. Large, semi-double, decorative flowers, 3 inches across, clear yellow shading to orange-brown at center. New and very fine. \$1.20 for 3, \$3.50 for 10.

**Boston.** Pompon. October and November. Golden bronze flowers with open center; tall and bushy.

**Brutus.** Pompon. Flowers of old-gold.

**Captain Cook.** Pompon. October and November. Dark rose.

**Eve.** October. Large flowers of rich, deep pink.

**Excelsior.** October. Large, single flowers of yellow.

**Field of Snow.** Button. White, tinged pink.

**Glory of Seven Oaks.** Large flowers. September and October. Golden yellow. One of the best.

**Golden Pheasant.** Pompon. Orange-yellow.

**Gypsy Girl.** Single. Large flowers with a double row of petals. Bright crimson shaded with chestnut-brown. Begins blooming in early October and continues through the frosts. A new and dependable variety. \$1.20 for 3, \$3.50 for 10.

**Hilda Wells.** Late blooming, producing fine single flowers of brownish red, yellow at base.

**James Boone.** Pompon. Late. Pure white flowers in profuse sprays.

**Julie Lagravere.** Pompon. November. Rich velvety maroon.

**Lucifer.** Early, shaggy flowers of star-form. Deep ox-blood-red of great depth and brilliance.

**Mrs. Albert Phillips.** Single. Early October. Beautiful rosy pink and cream blooms. Very lovely.

**Oonto.** Large flowers. October. Splendid white.

**October Girl.** Single. Medium size, semi-double flowers 2 inches across. Clear rose-pink turning to lavender. Blooms very early (October 1) and is very prolific and bushy. New and very desirable. \$1.20 for 3, \$3.50 for 10.

**Old Homestead.** Late. Large flowers of lavender-pink.

**Ouray.** Pompon. Rich mahogany-brown flowers of loose, graceful form.

**Petit Louis.** Pompon. Late October. Rosy pink flowers with bronzy centers.

**Provence.** Large flowers of rose-pink, tipped rosy red.

**Ruby Queen.** Late. Small button-like flowers of dark ruby-red.

**Ruth Hatton.** Pompon. Very double, clear ivory-white flowers produced early in great abundance. Buds and half-open flowers delicate lemon-yellow. In full flower about October 10 and is very resistant to frosts. A splendid new white variety which we believe will become very popular when its merits are discovered by lovers of Chrysanthemums. \$1.20 for 3, \$3.50 for 10.

**Skibo.** Pompon. Early. Opens bronze, changing to clear yellow with bronze center. Bushy, floriferous plants of medium height.

**Soleil d'Or.** Pompon. Late. Bright bronzy orange.

**Tints of Gold.** Pompon. Early. Rich golden yellow flowers of medium size.

**Victory.** Large flowers of snowy white.

**White Doty.** Pompon. October. Large pure white flowers with creamy center. One of the very finest. Tall grower.

**CHRYSANTHEMUM COCCINEUM**
**Pyrethrum Roseum (*Painted Lady*)**

Two feet. May and June. Most useful hardy flowers, thriving in almost any soil or situation, and when established thrive for many years without transplanting. There are many varieties, both single and double, and all are beautiful flowers in the border and unsurpassed for cutting. They should be planted in generous masses to give best effects. We list only single-flowering varieties as follows:

**Hybrid Pyrethrums**

**Coccinea.** Rich reddish purple.

**Elsie Gertrude.** Pale flesh-pink; very large.

**Hebe.** Pure white with golden center.

**James Kelway.** Vivid scarlet; very large and free.

**Nimrod.** Large flowers of silvery rose.

**Rosy Morn.** Rose-pink; very pretty.

Any of the above varieties, \$1.05 for 3, \$3 for 10, \$24 per 100

**Single Varieties, Mixed.** 90 cts. for 3, \$2.40 for 10, \$18 per 100.

**CHEIRANTHUS**

**\*Cheiranthus allioni.** *Wallflower.* 6 to 12 in. May to July. Small plants, with erect stems crowned by flat heads of dazzling orange-yellow flowers. One of the finest plants for massing or edging. A very peculiar, *modernistic* color combination is to plant it with pale blue forget-me-nots. It also looks exceedingly well with dark *purple*, not *violet* flowers; white is not very good with it.

**CHELONE • Turtlehead**

**Chelone glabra.** *White Turtlehead.* 2 ft. July and August. Spikes of curiously shaped creamy white flowers. Does best in moist soil and likes some shade.

**C. lyoni.** *Pink Turtlehead.* 2 to 3 ft. August and September. Produces rosy purple flowers in profusion. Foliage dark glossy green. It prefers a moist, half-shady situation.

**CIMICIFUGA • Bugbane**

**\*Cimicifuga foetida simplex.** *Kamchatka Bugbane.* 3 to 4 ft. July. Slender racemes of densely packed, creamy white flowers. Attractive both in flower and fruit. \$1 each, \$7.50 for 10.

**C. racemosa.** *Cobosh Bugbane.* 4 to 6 ft. July to September. A stately plant, with fine, long, elegantly twisted racemes of feathery white flowers. Effective against a dark background in a moist, shady corner. Fine for naturalizing.

**CLEMATIS**

**Clematis heracleaefolia davidiana.** *Fragrant Tube Clematis.* 2 to 2½ ft. August and September. Bushy plants with whorls of hyacinth-like, sweetly scented, pale blue flowers. Leaves larger than any other variety.

**C. integrifolia.** 18 to 24 in. June to August. Erect, bushy plants with handsome foliage and small, but interesting, porcelain-blue flowers. A fine border plant. \$1.20 for 3, \$3.50 for 10, \$30 per 100.

**C. recta.** *Ground Clematis.* 2 to 3 ft. July and August. Tufted plants with large panicles of small, fragrant, white flowers on long stalks. \$1.05 for 3, \$3 for 10, \$21 per 100.

For other Clematis see section devoted to Vines and Climbing Plants

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100





## CONVALLARIA

*Convallaria majalis. Lily-of-the-Valley.* 8 in. May and June. So familiar to everyone that we scarcely need to describe it. Large, luxuriant foliage, with sprays of small, bell-shaped flowers of waxen texture and most delightful fragrance.

	Each	10	100
Clumps . . . . .	\$0 50	\$4 50	\$40 00
Strong Pips . . . . .	50 cts. for 3 .	1 00	7 50

## COPTIS

\**Coptis trifolia. Goldthread.* 4 to 5 in. July and August. A little low evergreen, with bright shiny leaves and white flowers. Will thrive in shade and moist, peaty ground. A pretty and unusual plant with curious flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

## COREOPSIS

A group of splendid bedding and cutting flowers, mostly in clear, bright shades of yellow, with strong, wiry stems. They bloom over a very long season and are invaluable for maintaining continuous color and life in the garden.

*Coreopsis delphinifolia. Larkspur Coreopsis.* 2 ft. July to September. Deeply cut foliage and yellow flowers with dark brown disk. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*C. grandiflora. Big Coreopsis.* 2 to 3 ft. May to November. Very large, golden yellow flowers. Superb for cutting. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*C. lanceolata. Lance Coreopsis.* 2 ft. June to September. Large, cosmos-like flowers of pure yellow. An excellent showy garden plant and beautiful when cut. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**C. rosea. Rose Coreopsis.* 1 ft. July and August. Beautiful rosy pink flowers, with yellow centers. A fine rock plant. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*C. verticillata. Threadleaf Coreopsis.* 18 to 24 in. June to September. A pretty variety with narrow, dark green foliage and small, lemon-yellow flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

## CORONILLA

\**Coronilla varia. Crownvetch.* 1 to 2 ft. June to October. A trailing plant with showy pink, pea-shaped flowers. Fine for covering rough banks and ledges.

## COTULA

\**Cotula squalida.* 1 to 2 in. A flat, creeping little plant from New Zealand, with dark green, very finely divided leaves somewhat like those of *Achillea tomentosa*. White flowers like tiny daisies on short, erect stems. An excellent rock plant for crevices and carpeting. It likes moisture and full sun, although it does not insist upon them. Grows quickly and soon forms a dense green carpet. Rare. \$1 each, \$8 for 10.

## CYNANCHUM

*Cynanchum acuminatifolium. Mosquito-trap.* 1 ft. July. A plant with attractive, neat foliage and pretty glossy white flowers that resemble lilies-of-the-valley.

## CYPRIPEDIUM

*Cypripedium acaule. Pink Ladyslipper.* 8 to 12 in. May and June. A hardy native Orchid, with curious pocket-like flowers of vinous pink. It does best in a dry, acid soil in open places in the woods, or in a half-shady border. From 4-in. pots.

*Cypripedium pubescens. Yellow Ladyslipper.* 1 to 2 ft. May and June. Tall, leafy stems surmounted by yellow, sac-like flowers stained brown. Very beautiful and long-lasting. Likes moist, acid soil in a shady place. \$1.05 for 3, \$3 for 10, \$21 per 100.

*C. spectabile. Showy Ladyslipper.* 1 to 3 ft. June. The largest and handsomest of our native Orchids. The large-pouched flowers are pale pink or white, stained with crimson, and last for many days. Not hard to grow if given damp, acid soil and either dense or partial shade. \$1.05 for 3, \$3 for 10, \$21 per 100.

## DICENTRA

\**Dicentra eximia. Fringed Bleeding-heart.* 1 ft. All summer. A delicate-looking, plume-like plant with fern-like foliage and drooping racemes of curious rose-colored blooms. Excellent in shady places, rock garden, and mixed border. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

\**D. formosa. Western Bleeding-heart.* 15 in. April to August. Similar to the preceding, with finely cut foliage and showy pink flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*D. spectabilis. Bleeding-heart.* 3 to 4 ft. Late April to July. Large, rosy red, heart-shaped flowers. A fine old-fashioned flower desirable for planting in the shade. 60 cts. each, \$5 for 10, \$40 per 100.

## DICTAMNUS • Gas Plant

*Dictamnus albus. Gas Plant.* 2 to 3 ft. June and July. An old garden favorite, with white flowers which will sometimes give a flash of light on a summer evening when a lighted match is held near the base of the flower-spike, leaving a strong scent of lemons. A fine permanent border plant. \$1.20 for 3, \$3.50 for 10.

*D. albus caucasicus. Giant Gas Plant.* 3 to 4 ft. June and July. Similar to *D. albus* but larger in all respects, producing flower-spikes fully twice as long. \$1.35 for 3, \$4 for 10, \$35 per 100.

*D. albus ruber. Purple Gas Plant.* 2 to 3 ft. June and July. Has very fragrant flowers of reddish color. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

## DODECATHEON

\**Dodecatheon meadia. Common Shootingstar.* 1 ft. May and June. A tufted plant from which arise tall slender stems bearing a cluster of rose-colored flowers like small cyclamens, with the petals bent backward and the stamens forming a sharp point. For grouping in shady places. 90 cts. for 3, \$2.40 for 10, \$20 per 100.

## DORONICUM • Leopardbane

*Doronicum caucasicum. Caucasian Leopardbane.* 1 ft. May and June. Pleasing yellow, daisy-like flowers, blooming early, when no other flower of that type is obtainable. Very long lasting as a cut-flower. Plant of branching habit. 50 cts. each, \$4 for 10.

*D. clusi. Downy Leopardbane.* 2 ft. May and June. Larger flowers than *D. caucasicum* and blooms a little later. The foliage and stems are covered with silky hairs. 50 cts. each, \$4 for 10, \$36 per 100.

*D. magnificum. Sunflower Leopardbane.* May and June. A very attractive sort with large flowers resembling a single sunflower. 50 cts. each, \$4 for 10, \$36 per 100.

*D. plantagineum excelsum. Showy Leopardbane.* 2 to 3 ft. May and June. Vigorous, bushy plants with showy orange-yellow flowers about 4 inches across. 50 cts. each, \$4 for 10, \$36 per 100.



A Delphinium border edged with pink Sweet Williams

## DELPHINIUM • Larkspur

More and more we rely upon the Hardy Larkspurs for the wonderful tints and shades of blue, lavender, and purple which they provide. Incredible improvements have been made in the types and size of the older kinds, so that the new beauties are almost unbelievable until one has grown them. They should be well cared for, given a good soil and an occasional taste of lime, which will improve their foliage and color.

**Delphinium belladonna.** Pale blue flowers, in spreading sprays which bloom almost all season. This is especially good near pink rambler roses or among Madonna lilies.

**D. bellamosum.** Dark blue form of *D. belladonna*.

**D. elatum. Bee Larkspur.** 5 to 6 ft. June to September. Dark blue flowers in long spikes. If plants are cut back when through flowering, they will blossom a second time.

**D. formosum. Hardy Larkspur.** 3 to 4 ft. June and July. A splendid old hardy plant, with rich blue flowers, tinged with purple, and having white eye. One of the finest for permanent effects because it persists so long.

**D. grandiflorum chinense. Slender Larkspur.** 18 to 24 in. June to August. A slender, low-growing type, fine for cutting, with numerous large flowers of varying shades of blue.

**D. grandiflorum album. White Siberian Larkspur.** A white-flowering form of above.

**D. grandiflorum azureum.** A selected pure blue form of *D. grandiflorum chinense*. Very choice.

**Blackmore & Langdon's Hybrids.** Seedlings from the famous prize-winning strain of one of the greatest Delphinium growers in the world. These make tall, sturdy plants of perfect habit, with large flowers in all shades of blue, lavender, violet, and mauve. This strain is famous wherever Delphiniums are grown and always arouses enthusiasm. 50 cts. each, \$4 for 10, \$35 per 100.

**Gold Medal Hybrids.** 3 to 5 ft. June and July. Stately, decorative plants for masses, beds, and clumps. The flowers range in color from light azure to deep blue and from delicate lavender to purple. A splendid strain of high-class Delphiniums for mass planting and general garden effects.

### Named Delphiniums

The following list represents a careful selection from the many improved, named varieties which have been imported and tested. These are hybrids of many types which vary tremendously in height, form of spike, and in delicacy of shades and combinations of tints. They are the supreme product of the best hybridizers, and we recommend them highly. They have been carefully selected from seedlings of the best named varieties from English seed and are strong, heavy plants. We believe they are really superfine varieties bound to make a sensational display and be a source of continual pleasure and satisfaction.

**Advancement.** 7 to 8 ft. Enormous flowers and gigantic spikes nearly a foot in diameter at the base, tapering to a symmetrical cone. Clear reddish blue, with mauve center. \$5 each.

**Bay State Seedling.** An unusual variety with double, delicate mauve blossoms. 90 cts. each, \$7.50 for 10.

**Countess Cowley.** 5 ft. Light blue and mauve, semi-double flowers of wonderfully fine form; black eye. Magnificent spikes. \$3 each.

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100





## NAMED DELPHINIUMS, continued

**Edward Bromet.** 5 ft. The purplish blue ground is especially rich and the white eye extremely large. Individual pips are of enormous size and are well set on immense spikes. \$2.50 each.

**Glory.** 4 ft. Mauve and ultramarine-blue, shaded rose with white eye. Stout, sturdy plant, producing a very long spike. \$1.50 each.

**Great Strides.** 4 to 5 ft. Long spires of giant, semi-double flowers of pale blue, blended with pinkish mauve, emphasized by a striking black center. \$3 each.

**Happy Thought.** 5 ft. Enormous flowers with medium blue outer petals, shaded pansy-violet and amethyst with a bright gold and brown bee. \$3 each.

**Lamartine.** 3 to 4 ft. Large, single, dark gentian-blue flowers, borne on branching plants similar to *D. belladonna* in habit. 90 cts. each, \$7.50 for 10.

**Moerheimi.** 5 to 6 ft. June until autumn. A beautiful new hybrid producing creamy white flowers without any shading. 90 cts. each, \$7.50 for 10.

**Moerheimi, Improved.** 5 to 6 ft. June to October. Strong, hardy grower with larger, whiter flowers than the preceding. 90 cts. each, \$7.50 for 10.

**Mrs. Norman Holden.** 5 ft. Mauve and blue, semi-double flowers of unusual size, set off by a glittering black eye. Very handsome. \$3 each.

**Mrs. Shirley.** 5 to 6 ft. Lovely lilac-mauve variety, with white and sulphur eye. \$2 each.

**Mrs. Townley Parker.** 5 ft. Single. Sky-blue, white eye. \$1.50 each.

**R. A. Pilkington.** 5 ft. Very large, semi-double flowers of rich purple-violet, edged blue. \$3 each.

**The Bishop.** 5 ft. Bright royal-blue, large and conspicuous white center. An outstanding variety. \$3 each.

**The Shah.** 5 ft. Large, semi-double, circular flowers consisting of several rows of deep rosy lavender petals with dark eye. Spikes extra long and finely proportioned. \$3 each.

## DIANTHUS • Pink

Delightful edging or border plants, also including a great many excellent rock plants. The Dianthus family is extensive and has long been one of the most popular garden flowers, embracing the fragrant, old-fashioned Pinks and Carnations, and the charming China Pinks and the beloved Sweet Williams. As a race they like good soil and a situation which will be dry in winter. They should be planted in masses to get the best effects.

**\*Dianthus alpinus.** 3 in. June and July. A dainty little Pink from the Tyrolean Alps, with pure pink flowers in great abundance. A splendid rock-garden subject and suitable for edging paths. Likes gritty, well-drained, limestone soil. \$1.50 for 3, \$4 for 10.

**D. allwoodi.** *Allwood's Pink.* 12 to 15 in. May to October. An ever-flowering race of Pinks, with very fragrant, single or double flowers on long stems suitable for cutting or garden decoration. The colors run through many shades of white, pink, and crimson.

**\*D. arenarius.** *Sand-loving Pink.* 8 to 12 in. June to August. White fringed flowers; very fragrant. Fine mat-like foliage. An excellent rock plant.

**\*D. arvensis.** A minute, compact form of the Cheddar Pink, *D. caesius*, with tiny, sparkling pink flowers on 2-inch stems. Excellent rock plant. \$1.20 for 3, \$3 for 10.

**D. barbatus.** *Sweet William.* 10 to 20 in. June and July. One of the oldest garden flowers, which perpetuates itself by self-sowing. Flat heads of fringed flowers, many marked with a distinct eye, varying through shades of pink, red, and white. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**D. barbatus, Newport Pink.** An especially choice variety of a lovely salmon-pink color.

**D. barbatus, Scarlet Beauty.** A deep rich scarlet.

For Double Sweet William, see *D. latifolius*

**\*D. caesius.** *Cheddar Pink.* 3 to 6 in. May to July. Makes close tufts of grayish foliage from which it produces its delicate pink, fragrant flowers. Excellent in sunny place in the rock garden or as an edging.

**\*D. caesius compactus.** 2 to 3 in. A dense, mat-like variety with small, bright rose-pink flowers. Fine for rock garden. \$1.20 for 3, \$3 for 10.

**D. caryophyllus, Grenadin Scarlet.** *Hardy Border Carnation.* 12 to 18 in. June and July. Fine, double, fragrant flowers, splendid for cut-flowers. Compact growing.

**D. caryophyllus, Grenadin Pink.** A pink-flowering form of above.

**Dianthus caryophyllus, Grenadin White.** A white variety of the preceding.

**D. chinensis Heddeewigi.** *Heddeewig Pink.* 6 to 9 in. June to autumn. Flowers are very large and vary from pure white to richest crimson, many curiously marbled and streaked and fringed. Very charming.

**\*D. deltoides.** *Maiden Pink.* 6 in. June and July. Deep pink, small flowers on slender stems. Blooms profusely. Foliage green, in thick mats. Fine for ledges and rock walls.

**\*D. deltoides albus.** *White Maiden Pink.* A white form of above.

**\*D. deltoides, Brilliant.** 6 to 9 in. June and July. An improved form of above, with crimson flowers.

**\*D. knappi.** 8 to 12 in. June and July. Stringy, long-stemmed plants which sprawl in all directions. Valued for its clear, bright yellow flowers, unique in this family. Give it a dry, sunny place where it can tumble over a large rock. \$1.05 for 3, \$2.70 for 10, \$20 per 100.



*Dianthus arenarius*

\**Dianthus latifolius atrocoeruleus* fl.-pl. *Double Cluster Pink*. 8 to 12 in. June to October. A hybrid, everblooming Sweet William, producing masses of the brilliant, double, fiery crimson flowers. Excellent for border or rock garden.

\**D. neglectus*. 3 to 4 in. June and July. A fine Pink from the Alpes-Maritimes, and one of the gems of the family. The fringed flowers vary from deepest carmine-pink to palest rose, and are mostly pale buff-yellow on the backs of the petals. Thrives on well-drained, sunny slopes, and is a perfect rock-garden subject because of its compact, dwarf habit. 90 cts. for 3, \$2.50 for 10.

\**D. plumarius*. *Grass Pink*. 9 to 12 in. June. Pink, fragrant flowers. An old-fashioned favorite much used for edging and bedding. Especially good for border or rock garden. Blooms continuously if flowers are cut when they begin to fade. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*D. plumarius semperflorens*. *Perpetual Pink*. Charming pink flowers produced throughout the summer. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**D. speciosus*. 1 ft. June. Lacy, fragrant flowers of lavender-pink, especially adapted to hot and dry positions.

*D. superbus*. *Lilac Pink*. 10 to 20 in. June to August. A charming variety, with fringed lavender-pink flowers which are very fragrant. 90 cts. for 3, \$2.40 for 10.

### Hardy Garden Pinks

This group contains hybrids of many of the preceding species and selected garden strains. All are charming subjects, most of which are delightful when cut, for the delicate poise of the flowers and their delicious fragrance. To enjoy them fully they should be planted in masses. They make compact cushions of gray foliage which is very decorative in the border or when used for edging.

*Abbotsford*. 6 to 12 in. June and July. Rich crimson flowers, marked white.

\**Carmen*. 6 in. June and July. Light pink; fragrant.

\**Essex Witch*. 4 in. Bright but delicate pink, finely fringed flowers.

\**Furst Bismarck*. 8 to 12 in. Never out of bloom during summer. Same shade as Paul Neyron rose, slightly darker. Dark green foliage. Lovely hardy Pink. \$1.05 for 3, \$3 for 10, \$20 per 100.

\**Her Majesty*. 8 to 10 in. June and July. Very large, smooth-edged flowers of pure, glistening white.

\**Homer*. 8 to 10 in. June and July. Rosy red, with a dark center. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

\**Lord Lyons*. 8 to 10 in. June and July. A beautiful, fully double variety of soft lavender-pink.

\**Mrs. Sinkins*. 8 to 10 in. June and July. Large, white, fragrant fringed flowers delightful for cutting.

\**Rose de May*. 9 to 15 in. Everyone who has seen this Pink has liked it. The delicate pink blossoms, which are borne steadily throughout the summer, will delight you with their exquisite fragrance. Add several of them to your garden. \$1.05 for 3, \$3 for 10, \$25 per 100.

\**Bristol Purity*. 8 to 10 in. June to September. Double, white, very fragrant flowers that do not split.

### DRABA

\**Draba fladnizensis*. *Arctic Whitlowgrass*. 2 to 3 in. May. Dense little rosettes of leaves and yellowish white flowers. A very attractive rock plant. \$1.50 for 3, \$4 for 10, \$36 per 100.

\**D. repens*. 3 to 4 in. April and May. Dense little yellow-flowering plants resembling a miniature crysimum. \$1.50 for 3, \$4 for 10, \$30 per 100.

### DIGITALIS • Foxglove

There is an uncommon dignity and stateliness to the Foxgloves which make them invaluable for permanent and settled effects in the garden. They seem to add an air of calmness and peace to any situation, and are best at the back of the border, or grouped in a little bay in the shrubbery. Should be planted in bold masses to get best effect.

*Digitalis ambigua*. *Yellow Foxglove*. 2 ft. June to August. A hardy plant, with slender spikes of medium-sized yellowish flowers, marked with brown. Effective in groups in wild garden and when near pale mauve or magenta flowers.

*D. lanata*. *Grecian Foxglove*. 2 ft. June to August. A slender persistent perennial, with spikes of rather small grayish or purplish yellow flowers. A very different and interesting form.

*D. purpurea*. *Common Foxglove*. 3 to 4 ft. June to August. Handsome tubular flowers in tall terminal racemes. The blooms are purple on the outside, marked inside with dark purple spots, edged with white. The old-fashioned garden favorite adapted to wild garden or border, or for planting among shrubbery.

*D. purpurea alba*. *Common White Foxglove*. A beautiful white form of the Common Foxglove.

*D. purpurea gloxiniaeflora*. *Gloxinia Foxglove*. 3 to 4 ft. June and July. A highly improved popular variety, with large flowers ranging from pure white to deep purple. Robust habit.

*D. purpurea gloxiniaeflora rosea*. 2 to 3 ft. June and July. A selected form with charming rose-colored flowers.

*D., Shirley Hybrids*. A magnificent strain raised by the originator of the famous Shirley poppies. The plants grow 5 to 7 feet tall, with flower-spikes 4 feet long, carrying blooms of enormous size, ranging from white to dark rose-purple, handsomely spotted with crimson, maroon, and dark mahogany-brown. \$1.05 for 3, \$3 for 10, \$24 per 100.

### ECHINACEA

*Echinacea purpurea*. *Purple Coneflower*. 2½ to 3½ ft. July and August. Large, reddish purple, daisy-like flowers that persist unusually long, making this a fine plant for late summer bloom. Showy and vigorous growing.

### ECHINOPS • Globe Thistle

*Echinops pumilum*. *Globe Thistle*. 3 ft. August. Dark blue heads, somewhat smaller than *E. ritro*. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*E. ritro*. *Steel Globe Thistle*. 4 ft. July and August. Handsome thistle-like foliage and large, globular heads of blue flowers. A wild-garden plant and looks well combined with yellow helianthus or even *Bocconia cordata*.

*E. spherocephalus*. *Common Globe Thistle*. 5 to 7 ft. A much more vigorous background plant, with bluish flowers and yellowish spines. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

### EPIGAEA • Trailing Arbutus

\**Epigaea repens*. *Trailing Arbutus*. 4 in. April and May. Matted evergreen sub-trailer with clusters of intensely fragrant, delicately pink flowers of exquisite beauty. Give it shade, good drainage, and acid, peaty soil. \$1.05 for 3, \$2.70 for 10, \$20 per 100.



## EPILOBIUM

*Epilobium angustifolium*. *Blooming Sally*. 3 to 4 ft. June to August. A very handsome plant which spreads rapidly. Valuable for shrubberies or along streams, producing showy spikes of purplish pink flowers.

\**E. hectori*. July to August. A tiny, rather frail-looking creeper from New Zealand with small, smooth leaves and stems rising 6 inches or more at the tips. Flowers pink followed by purple seed-capsules. \$1.05 for 3, \$3 for 10.

## EPIMEDIUM

Choice plants for the rock garden or shady places in the border. They belong to the very interesting Barberry family, all of which are curious and beautiful.

\**Epimedium alpinum*. *Alpine Epimedium*. 9 in. May and June. A charming little plant with bronzy foliage and sprays of curious, spurred flowers of grayish red and yellow. 50 cts. each, \$4.50 for 10.

\**E. macranthum niveum*. *Snowy Epimedium*. 9 in. April and July. A very pretty plant with leaves in groups of three and clusters of pure white flowers with prominent spurs. One of the finest. 50 cts. each, \$4.50 for 10.

\**E. pinnatum elegans*. 9 in. June to August. A woollier plant than the previous kinds, with many bright red flowers. Very pretty. 50 cts. each, \$4.50 for 10.

## ERIGERON • Fleabane

Perennials of very easy culture, producing aster-like flowers on slender stems rising from a compact rosette of foliage. They bloom early and are very showy planted in masses in the border or rockery, showing up much better in big clumps than as scattered plants.

\**Erigeron caucasicus*. 1 ft. June and July. Large flowers with bright violet rays and rich yellow centers. \$1.50 for 3, \$4 for 10.

\**E. coulteri*. 15 in. July. A native of the Rocky Mountains, producing charming pearly white flowers, two or three together on slender stems.

\**E. glabellus*. *Smooth Fleabane*. 6 to 8 in. June and July. Large flowers with small golden eye. Rays very slender and violet-purple.

\**Erigeron speciosus*. *Oregon Fleabane*. 2 ft. June and July. Large, handsome blue flowers, tinted violet, with yellow centers. Very desirable for cutting. Plant in masses in rock garden or border.

\**E.*, *Quakeress*. 18 in. June and July. A choice hybrid variety with mauve-pink flowers frequently borne all season.

## ERINUS

\**Erinus alpinus*. *Alpine Liver Balsam*. 3 to 4 in. May and June. A tiny plant suitable for massing on banks or among stones which it covers with a mantle of rosy purple flowers. \$1.05 for 3, \$3 for 10, \$21 per 100.

\**E. alpinus albus*. A form of the foregoing, with white flowers. \$1.05 for 3, \$3 for 10.

## ERYNGIUM • Eryngo

*Eryngium alpinum*. *Bluetop Eryngo*. 2 ft. June and July. A bold, picturesque plant with numerous heads of flowers of attractive blue, which color extends to the leaves of the upper part of the plant.

*E. amethystinum*. *Amethyst Eryngo*. 2 ft. June to September. The handsome flowers, foliage, and stems are deep amethyst-blue. A useful plant for winter decoration, when colored and dried.

*E. aquaticum*. *Button Snakeroot*. 2 to 6 ft. July and August. A strong erect plant suited to wet soil. The bluish heads are large and attractive.

## ERYSIMUM

\**Erysimum pulchellum*. *Blister Cress*. 6 to 12 in. May and June. A dwarf rock plant bearing tufts of light sulphur-yellow flowers. Closely related to the wall-flowers.

## EUPATORIUM

*Eupatorium aromaticum melissoides* {*frazieri*}. *Melissa Thoroughwort*. 2 to 3 ft. August to October. Delicate white flowers in large terminal heads. Useful for cutting and grows well in poor, sandy soil.



Ferns, Hostas, and Hemerocallis used to advantage,

*Eupatorium coelestinum. Mistflower.* 18 to 24 in. August to October. A very compact, wiry-stemmed plant with many heads of lavender-blue, ageratum-like flowers that last unusually long as cut-flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*E. purpureum. Joe-Pye-Weed.* 6 to 7 ft. Autumn. A gigantic perennial with whorled leaves and branching heads of purple flowers 18 inches across. Naturalizes well on banks of streams or wet meadow-land. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*E. urticaefolium {ageratoides}. Snow Thoroughwort.* 2 to 3 ft. August and September. A superb native plant with handsome heads of feathery pure white flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

## EUPHORBIA

*Euphorbia corollata. Flowering Spurge.* 18 in. July and August. An erect plant bearing broad clusters of pure white flowers with green eye which can be used like gypsophila for mixing with other flowers. 75 cts. for 3, \$2.20 for 10.

*E. myrsinites.* 4 to 6 in. May and June. A very pretty creeper with thick bluish leaves and yellow-orange flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

## HARDY FERNS

The Ferns of New England take as readily to cultivation as the common garden flowers. While flowers require a sunny place, Ferns delight in some shady nook; they also can be grown in boxes or pans on the porch, in the house or under trees, any place that is shady, but are not suitable for house culture in winter, for that is their time of rest.

The price of all hardy Ferns is 75 cts. for 3 of a kind, \$2.20 for 10, \$15 per 100

\**Adiantum pedatum. American Maidenhair Fern.* 12 to 15 in. One of the finest native Ferns. Grows with exceedingly graceful fan-like foliage which produces a handsome effect when massed in broad patches. Plant 8 inches apart.

\**Asplenium platyneuron {ebeneum}. Ebony Splenewort.* 6 to 15 in. A splendid Fern for stony places and in dry woodlands and very desirable for rock-garden work.

\**Athyrium filix-femina. Lady Fern.* 2 to 3 ft. Finely cut foliage of rich green, making a handsome specimen plant if well grown in moist soil, either in sun or shade. Massed 2½ to 3 feet apart it makes a splendid rich display.

\**Cryptogramma acrostichoides. American Rock-brake.* 6 in. A small evergreen Fern of delightful form which is eminently adapted to the rock garden and for edging shady borders.

\**Dennstedtia punctilobula. Hay-scented Fern.* 18 to 24 in. A good massing Fern, with broad fronds. Increases rapidly and is good for naturalizing.

*Dryopteris goldiana. Goldie's Fern.* 2 to 4 ft. Very stately Fern with handsome fronds 12 to 18 inches wide. Its unusual beauty and grace make it desirable in all fern plantings.

\**D. marginalis. Leather Woodfern.* 2 ft. An evergreen species with leathery, rather stiff foliage, adapted especially to rocky places. Good when cut for mixing with flowers.

*D. spinulosa. Toothed Woodfern.* 18 to 24 in. Very strong evergreen Fern which makes a splendid ground-cover under shrubs and deserves a place in any collection of Ferns.

*Onoclea sensibilis. Sensitive Fern.* 1 ft. A rather rough Fern with large, triangular fronds. It likes a moist situation and will grow in places too wet for other Ferns.

*Osmunda cinnamomea. Cinnamon Fern.* 2 to 5 ft. Very handsome Fern of perfect habit with big fronds in circular clusters. Woolly when young and its big "fiddleheads" are interesting and amusing in the spring. Likes rich, moist soil, where it develops noble proportions.

*O. claytoniana. Interrupted Fern.* 3 to 5 ft. Much like the Cinnamon Fern, but the fronds are frequently interrupted in the middle so that they seem to be in sections. The break is caused by the fertile spore-bearing leaflets turning in toward the midrib. Useful and attractive.

*O. regalis. Royal Fern.* 2 to 5 ft. This very handsome form grows to perfection in thin shade with plenty of moisture. Its spore-bearing fronds rise high above the plant and are most unusual.

*Polypodium vulgare. Common Polypody.* 4 to 10 in. A good evergreen Fern for rockwork and borders, forming mats of durable foliage. Plant in well-drained soil, about 4 to 5 inches apart.

\**Polystichum acrostichoides. Christmas Fern.* 1 ft. Very hardy evergreen Fern which is useful in almost all positions, especially in the rockery. Very pretty and needs only common, well-drained soil.

*Pteritis nodulosa. Ostrich Fern.* 2 to 4 ft. One of the handsomest, with big feathery fronds 6 to 10 inches wide. Good at the background of other Ferns or suitable as a specimen. It needs good soil, and will thrive in the sunlight.

## FESTUCA • Fescue

\**Festuca glauca. Blue Fescue.* 10 to 12 in. An ornamental grass which makes dense tufts of very narrow bluish leaves, excellent in contrast with darker foliage. Desirable for rock-garden or edging purposes.

## FILIPENDULA • Meadowsweet

These are handsome, spirea-like flowers blooming in early midsummer. They delight in cool, rich soil, and look especially well at the back of the border, where their fern-like foliage and feathery and foamy flowers form an admirable background for the plants in front of them. Plant them in bold, broad masses or considerable drifts to give a permanent, stable effect.

*Filipendula camtschatica {Spiraea gigantea}. Kamchatka Meadowsweet.* 5 to 6 ft. July. A bold background plant with frothy, white flowers held well above the foliage.

\**F. hexapetala {Spiraea filipendula}. Dropwort.* 2 ft. June and July. This fine perennial bears clusters of rather large, cream-white flowers. It prefers a rather dry situation in full sunlight.

\**F. hexapetala flore-pleno. Double Dropwort.* 12 to 15 in. A handsome double-flowering form of the preceding. 90 cts. for 3, \$2.40 for 10.

*F. purpurea {Spiraea palmata}. Japanese Meadowsweet.* 2 to 4 ft. June to August. Undoubtedly the finest of the Meadowsweets, with carmine or dark pink flowers in large clusters on strong, wiry, dark crimson stems. Very desirable. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*F. purpurea alba. White Japanese Meadowsweet.* 2 to 4 ft. June to August. A dainty white variation of the preceding. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100



*Filipendula purpurea elegans. Showy Japanese Meadowsweet.* 3 to 4 ft. June and July. One of the most useful hardy plants, with dark green foliage, and purple-red stems and branches, passing into the silvery pink of the broad corymbs of flowers which are very freely produced.

*F. rubra venusta. Carmine Meadowsweet.* 4 to 5 ft. June and July. A vigorous plant for the back of the border with very large heads of rich carmine-pink flowers. \$1.05 for 3, \$3 for 10, \$24 per 100.

*F. ulmaria. Queen of the Meadows.* 2 to 3 ft. June to August. Pure white foam-like, fragrant flowers in dense heads. A fine, old-fashioned garden plant, very widely cultivated.

*F. ulmaria flore-pleno. Double European Meadowsweet.* 2 to 3 ft. June to August. Dense panicles of double white flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

## GAILLARDIA

*Gaillardia aristata. Common Perennial Gaillardia.* 18 to 24 in. June to November. The blooms are 2 to 3 inches across with dark red and brown centers, and orange, crimson, and red rays shaped into rings of color. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

*G. aristata, Golden Gleam.* Pure yellow flowers without marks or other colors, of great size, and carried erect on stout, wiry stems. Good as a cut-flower and a garden plant of fine habit and effective color. \$1.05 for 3, \$3 for 10.

*G. aristata grandiflora.* 2 ft. July to autumn. Large, gorgeous flowers of crimson and gold are borne throughout the season. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*G. aristata, Portola.* A much improved variety with flowers of exceptional size and substance, brilliantly colored. This is a decided improvement in color, habit, and refinement over the varieties commonly grown. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

## GALAX

\**Galax aphylla.* 8 to 10 in. June. Large, round, varnished, evergreen leaves, which turn deep bronze in autumn. The slender spike of white flowers is pretty and graceful. Demands acid soil, moisture, and heavy shade. Foliage fine for Christmas greens.

## GALEGA • Goatsrue

*Galega heldreichi.* 2 to 3 ft. June to August. Very bushy plants with large lavender flowers like pea blossoms, borne in fine clusters. A good and seldom seen perennial. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*G. officinalis. Common Goatsrue.* 2 to 3 ft. June to September. A slender, bushy plant with lilac-purple flowers in compact racemes. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*G. officinalis alba. Albino Goatsrue.* Form and habit same as the above, but flowers are white. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*G. officinalis hartlandi. Hartland Goatsrue.* An excellent form of the Common Goatsrue with variegated flowers of white and lavender. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

## GALIUM

*Galium boreale. Northern Bedstraw.* 2 to 3 ft. June to September. The delicate sprays of minute white flowers and fine slender leaves in whorls make this an excellent variety for cutting, giving a light, airy effect to masses of heavier flowers.

## GAULTHERIA • Wintergreen

\**Gaultheria procumbens. Wintergreen.* 6 to 12 in. A low, small-leaved evergreen, which bears clusters of bright red, aromatic berries, sought for their fragrance and flavor. It grows in association with *Epigaea repens* and enjoys the same sharp acid soil and good drainage. Makes a fine evergreen carpet where it is happy.

## GERANIUM • Cranesbill

A group of delightful spring-flowering plants which are very effective among stones and in semi-shaded places. The common Wild Geranium is one of the handsomest wild flowers, and it takes kindly to cultivation. It blooms with the pale yellow *Rosa hugonis* and makes a delightful combination of color when planted beneath and in front of that shrub.

\**Geranium grandiflorum. Lilac Cranesbill.* 1 ft. June to August. Large, open, violet-blue flowers with a satiny luster. Especially suited to rock gardens.

*G. maculatum.* 12 to 18 in. April to August. The Wild Geranium of our woods and fields. Its rather large, light purple flowers are borne in loose clusters above the mound of foliage. A delightful plant which takes kindly to gardens and may be successfully combined with many other flowers.

\**G. sanguineum. Bloodred Cranesbill.* 8 to 12 in. May to October. The plants are of compact habit, with bright blood-red flowers. Good for wild garden, rock garden, or border.

## GEUM • Avena

*Geum chiloense.* 12 to 18 in. May to July. Bright red, single flowers in terminal clusters, very bright and showy. A good low border plant. \$1.50 for 3, \$4 for 10.

*G. chiloense atrosanguineum atrococcineum fl.-pl.* 12 to 15 in. June and July. Dwarf plant with dark red, rose-like flowers. Similar to *G. atrosanguineum*, but flowers are larger and more double.

\**G. chiloense, Lady Stratheden.* 2 ft. July and August. Deeply crimped, semi-double, pure golden yellow flowers. Like the more common Mrs. Bradshaw except in color. \$1.05 for 3, \$3 for 10, \$20 per 100.

*G. chiloense, Mrs. Bradshaw.* 12 to 15 in. June to September. A very choice variety with large, double, brilliant scarlet flowers. \$1.05 for 3, \$3 for 10, \$20 per 100.

## GLADIOLUS BULBS

Most gardeners find that Gladiolus interplanted with the early-flowering perennials, shoot up among them and take possession of their space when they are through blooming, thus giving a second period of very desirable bloom. Of course, they are splendid when bedded by themselves, and that is really the best way to grow them for either garden display or for fine, individual cut spikes.

Our list of Gladiolus is not long, but it includes splendid varieties in a fine assortment of colors. We offer good, first-class bulbs of flowering size.

All Gladiolus bulbs, 75 cts. for 10, \$7 per 100, except where noted otherwise

*Alice Tiplady.* Orange-yellow and saffron. Good grower, and very showy. 75 cts. for 10, \$6 per 100.

*Baron Hulot.* Deep violet-blue. One of the best of its color.

*Carmen Sylva.* Snow-white, penciled with lavender in the throat.

*Flora.* Almost pure golden yellow. Flowers large, and a strong grower.

There are many other varieties of perennials growing in our nurseries besides those listed here. Write us your wants and we will tell you what we can supply



*Gypsophila paniculata fl.-pl., Bristol Fairy*

### GLADIOLUS BULBS, continued

**Mrs. Dr. Norton.** La-France-pink, shading to rose and tinted with sulphur-yellow.

**Mrs. Francis King.** Light salmon-scarlet; very large and fine. 75 cts. for 10, \$6.50 per 100.

**Mrs. Frank Pendleton.** Salmon-pink, blotched with velvety maroon. 75 cts. for 10, \$6.50 per 100.

**Peace.** Large, white flowers veined lilac on the lower petals. Late blooming.

**Pink Wonder.** Many massive light pink flowers open at once on heavy spikes.

**Purple Glory.** Deepest velvety maroon flowers with darker blotches; petals ruffled at the edges. \$1 for 10, \$8 per 100.

**Rose Ash.** Flowers dull ash-rose color, very different from all other shades.

**Scarlano.** Light, bright orange-red, with edges finely ruffled.

**War.** Large flowers of dark glowing red. Very tall spikes. 75 cts. for 10, \$6.50 per 100.

**Exhibition Mixture.** Fine varieties. \$5 per 100.

### GYPSOPHILA

Essential plants in every garden, not so much for their own flowers as for the assistance they render by contrast of color and form to showier plants. No satisfactory substitute exists for the feathery, airy grace of *Baby's Breath* in bouquets of showier, heavier flowers.

***Gypsophila acutifolia.* Green *Gypsophila.*** 2 to 3 ft. July and August. Rose-colored flowers that are larger than those of *G. paniculata*. The plant is more open in habit and greener. A fine border plant. 90 cts. for 3, \$2.40 for 10.

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100

**\**Gypsophila cerastioides.* Mouse-Ear *Gypsophila.*** 3 to 4 in. May and June. A woolly little plant which forms a dense mat-like growth over rockwork or along edgings, and covers itself with large lilac or white flowers veined pink. 90 cts. for 3, \$2.40 for 10.

***G. paniculata.* Baby's Breath.** 2 to 3 ft. July and August. A very popular, graceful plant good in the border and large rock garden, where it has a charming, misty, soft gray quality. Flowers small, white, in large, loose panicles, excellent for cutting and mixing with other flowers.

***G. paniculata flore-pleno.* Double *Baby's Breath.*** 3 ft. July and August. A beautiful, double, white-flowering form of the above. \$1.20 for 3, \$3.50 for 10, \$30 per 100.

***G. paniculata flore-pleno,* Bristol Fairy.** 2 to 3 ft. June to October. A highly improved form of the preceding variety, with flowers two to three times as big, beginning to bloom two weeks earlier and continuing throughout the whole season, blooming on the tips of new side shoots. The flowers are larger, double, with a clearness of color lacking in the older type; and graceful, delicate, and misty as the common variety is, Bristol Fairy is far superior in appearance, usefulness, and general desirability. 75 cts. each, \$6 for 10, \$50 per 100.

**\**G. repens.* Creeping *Gypsophila.*** 6 in. June and July. This trailing, spreading plant is fine for steps and rock garden, with myriads of tiny, white flowers in graceful panicles.

### GILLENIA

***Gillenia trifoliata.* Bowmansroot.** 3 ft. June and July. A graceful spirea-like plant, with slender, dark red stems, clothed with pretty, star-shaped, rose-pink and white flowers. Effective planted liberally with lilies and irises. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

### HELENIUM • Sneezeweed

An important group of late summer and autumn flowers, bearing some resemblance to the rather common daisy-like type of flower, but distinguished by curiously reflexed rays and a profusion of massed bloom which is quite distinct. The colors are warm and lively, and combine well with other autumn flowers to give color and comfort to the late season. For best effect, of course, they should be planted in broad masses against the shrubbery, and in particular they look well with some of the misty lavender hardy asters.

***Helenium autumnale.* Common *Sneezeweed.*** 4 to 6 ft. August and September. An elegant autumn plant with showy golden yellow flowers borne at the top of branching stems. Suitable for planting among shrubbery.

***H. autumnale pumilum.* Dwarf *Sneezeweed.*** 1 ft. July to September. A very free-flowering dwarf sort much liked for cut-flowers and the front of the border. \$1.20 for 3, \$3 for 10, \$24 per 100.

***H. autumnale pumilum magnificum.*** 18 in. June to September. A very fine and vigorous plant which produces throughout the summer a continuous supply of splendid, soft, pale yellow flowers. \$1.50 for 3, \$4 for 10, \$30 per 100.

***H. autumnale, Riverton Beauty.*** 4 to 5 ft. August to October. Its flowers are of a rich lemon-yellow with a large cone of purplish black. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

***H. autumnale, Riverton Gem.*** 4 to 5 ft. August to November. The flowers on opening are old-gold suffused with bright terra-cotta, changing as they mature to mahogany-red. \$1.05 for 3, \$2.70 for 10, \$20 per 100.





**Helenium autumnale rubrum.** 4 ft. September and October. In color the flowers resemble the blood-red English wallflowers. Fine for cutting. \$1.20 for 3, \$3 for 10, \$24 per 100.

**H. hoopesi.** *Orange Sneezeweed.* 18 to 24 in. May to August. A fine border plant with very showy, bright orange-yellow flowers. Especially useful for cutting. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

## HELIANTHEMUM • Sun Rose

The surprising beauty of the Sun Roses astonishes everyone who is not familiar with them. The wiry little plants form dense, springy tufts which are covered by the dainty, rose-like flowers in a great variety of delicate shades of pink, copper, and yellow. The various kinds are much alike in habit but are most variable in the color of the flowers, many of which come double at times. It is an indispensable rock plant and should be used liberally wherever there is opportunity.

**\*Helianthemum chamaecistus {vulgare}.** *Common Sun Rose.* 8 to 10 in. June and July. A pretty, almost shrubby evergreen plant having narrow, rather wiry foliage with a silvery sheen, which makes a low, thick carpet. Flowers yellow, like small single roses. Desirable for rock garden.

**\*H. chamaecistus, Bride.** 8 to 10 in. June to August. Very dainty; delicately white.

**\*H. chamaecistus, Fireball.** 4 to 5 in. June to August. A dazzling double red variety of an amazingly bright shade.

**H. chamaecistus, Sudbury Gem.** 6 to 8 in. June to August. A beautiful silvery gray variety with large, single, rose-pink flower.

**\*H. chamaecistus tomentosum {angustifolium}.** *Rosemary Sun Rose.* June to August. A similar plant with slightly woolly foliage and pretty yellow, rose-like flowers.

**\*H. chamaecistus citrinum.** 6 in. June to August. A beautiful, pale yellow, single-flowered sort, similar to the preceding in other respects.

**\*H. chamaecistus cupreum {hyssopifolium cupreum}.** 6 in. June to August. A variety with flat, narrow leaves, glossy on the upper surface, and large, copper-colored flowers. It is especially fine in a dry, sunny position in the rock garden.

**\*Helianthemum chamaecistus macranthum.** 6 to 12 in. June and July. Pure white flowers of exquisite texture, blotched with yellow at the base of the petals. \$1.05 for 3, \$3 for 10, \$21 per 100.

**\*H. halimifolium multiflorum.** *Morocco Sun Rose.* 4 to 6 in. June to September. A charming rock plant of spreading growth. Flowers bright orange-pink and most attractive.

**\*H. perfoliatum roseum.** 6 to 8 in. June to August. A new trailing plant producing a profusion of single salmon-pink flowers with yellow centers. Valuable for rock garden.

## HELIANTHUS • Sunflower

For the most part, this group is composed of big showy plants suitable for bordering woodland paths or massing in a naturalistic fashion along streams or before shrubbery. They are very effective planted close to the eupatoriums, either *coelestinum* or *purpureum*, and look well mingled with the great violet ironweed and various of the darker purple hardy asters. Their beauty is in the mass of color they make, and they should be used generously for bold effects.

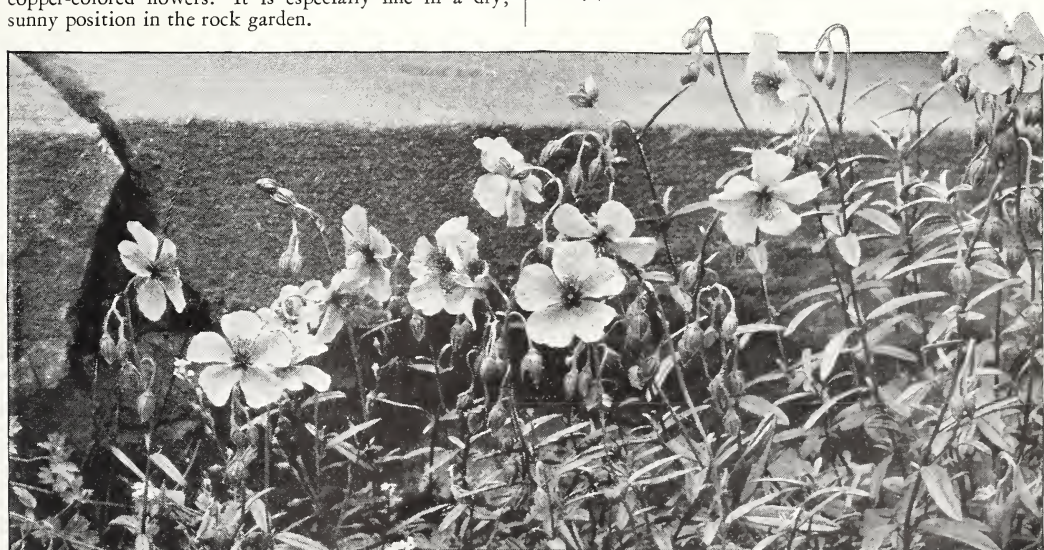
**Helianthus decapetalus.** *Thinleaf Sunflower.* 4 to 5 ft. August to October. A fine free-blooming form, with clear yellow flowers in immense panicles. One of the best late-blooming plants. Desirable for shrubbery border and naturalistic effects. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**H. decapetalus multiflorus flore-pleno.** *Double Golden Thinleaf Sunflower.* Similar to above, but the flowers are double. \$1.05 for 3, \$2.70 for 10.

**H. maximiliani.** *Maximilian Sunflower.* 5 to 7 ft. The latest of all to bloom, perfecting its fine golden yellow flowers in long, graceful sprays during October, when all others have finished flowering. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**H. mollis.** *Ashy Sunflower.* 3 to 4 ft. July to September. Large, single, lemon-yellow flowers and downy white foliage. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**H. orgyalis.** 6 to 8 ft. September. Tall and graceful, with very leafy stems and flowers 3 to 4 inches in diameter, produced abundantly. Plant among shrubs. 90 cts. for 3, \$2.40 for 10.



*Helianthemum chamaecistus (vulgare)*





Heuchera, Rosamundi

**Helianthus rigidus.** *Prairie Sunflower.* 2 to 3 ft. July and August. A showy plant making a great display of large, semi-double golden yellow flowers over a very long season.

**H. scaberrimus,** Miss Mellish. 5 to 6 ft. Late August and September. Vigorous, leafy plant with large, graceful, yellow flowers. A very desirable variety either isolated or massed in waste places.

**H. scaberrimus,** Wolley Dod. 6 ft. September. One of the best autumn-flowering varieties, producing great quantities of deep yellow flowers. Entirely distinct.

### HELIOPSIS • False Sunflower

This family of False Sunflowers is closely related to the preceding group and may be used for the same purposes, supplying lower, denser-growing subjects than in helianthus. It is very useful for that reason, and striking effects may be obtained by large-scale planting.

**Heliopsis helianthoides {laevis}.** *Sunflower Heliopsis.* 3 to 5 ft. July to October. An erect, robust plant, producing fine heads of golden yellow flowers.

**H. helianthoides pitcheriana.** *Pitcher Heliopsis.* 2 to 3 ft. July to October. A choice dwarf variety with deep orange-yellow flowers of great value for cutting all through the summer. Especially good for dry situations.

**H. helianthoides pitcheriana semi-plena.** 2½ to 3 ft. July to October. Semi-double form of the above, with curious, narrow petals of the same orange color issuing from the center of the flowers. 90 cts. for 3, \$2.40 for 10.

### HEPATICA

\***Hepatica acutiloba.** *Sharplobe Hepatica.* 6 in. April and May. The flowers vary from pure white to purple and into shades of pink. It has leathery, three-lobed leaves resembling the following, but lobes more pointed.

\***H. triloba.** *Roundlobe Hepatica.* 6 in. Late April and early May. Flowers white, dark rose, or purple. Good for eastern and northern exposures in the rock garden and shady places generally.

### HESPERIS • Rocket

\***Hesperis matronalis.** *Dame's Rocket.* 2 to 3 ft. June and July. Fragrant purple flowers in showy spikes. Desirable for wild garden, shrubbery, or mixed border.

\***H. matronalis alba.** *White Dame's Rocket.* Same height and season as above, but showy terminal spikes of white flowers.

### HEUCHERA • Coral Bells

Abroad, these pretty perennials are called "Fairy Lanterns," a name they deserve for their delicacy and grace. They make handsome rosettes or mats of good-looking leaves from which rise slender, swaying stems bearing showers of tiny bells. They look well about a sun-dial, at the edge of a pool, or planted among rocks, or in the perennial border. The descriptions of the many kinds sound much alike, but they have a varied charm and all are beautiful in their different ways.

\***Heuchera brizoides.** *Pink Bells.* 1 ft. June to August. Pale pink flowers on slender red stems. A very interesting plant because of its bigeneric origin, being a hybrid of Tiarella and Heuchera. \$1.05 for 3, \$2.70 for 10, \$24 per 100.

\***H., Hybrids.** 18 in. Plants of similar habit and flowers of various shades of best red. Twice as large as *H. sanguinea*. \$1.05 for 3, \$2.70 for 10, \$24 per 100.

\***H., Edge Hall.** 2 ft. Bright apple-blossom-pink flowers from June to September. \$1.05 for 3, \$2.50 for 10, \$20 per 100.

\***H., Perry's White.** 1 to 2 ft. May to September. A charming pure white variety of unusual grace. \$1.05 for 3, \$2.70 for 10, \$24 per 100.

**H., Rosamundi.** June to September. A very strong grower, producing an abundance of tall, strong stems crowned with intense coral-pink flowers in great profusion, which last over two months. Finest of the pink varieties. \$1.05 for 3, \$2.70 for 10, \$24 per 100.

\***H. sanguinea.** *Coral Bells.* 12 to 18 in. June to September. A splendid border or rock plant with big rosettes of leaves from which rise clusters of slender stems bearing showers of tiny crimson bells. Pretty for cutting and excellent for the rock garden. \$1.05 for 3, \$2.70 for 10, \$24 per 100.

\***H. sanguinea alba.** *White Coral Bells.* A variety of the above having white flowers. \$1.05 for 3, \$2.70 for 10, \$24 per 100.

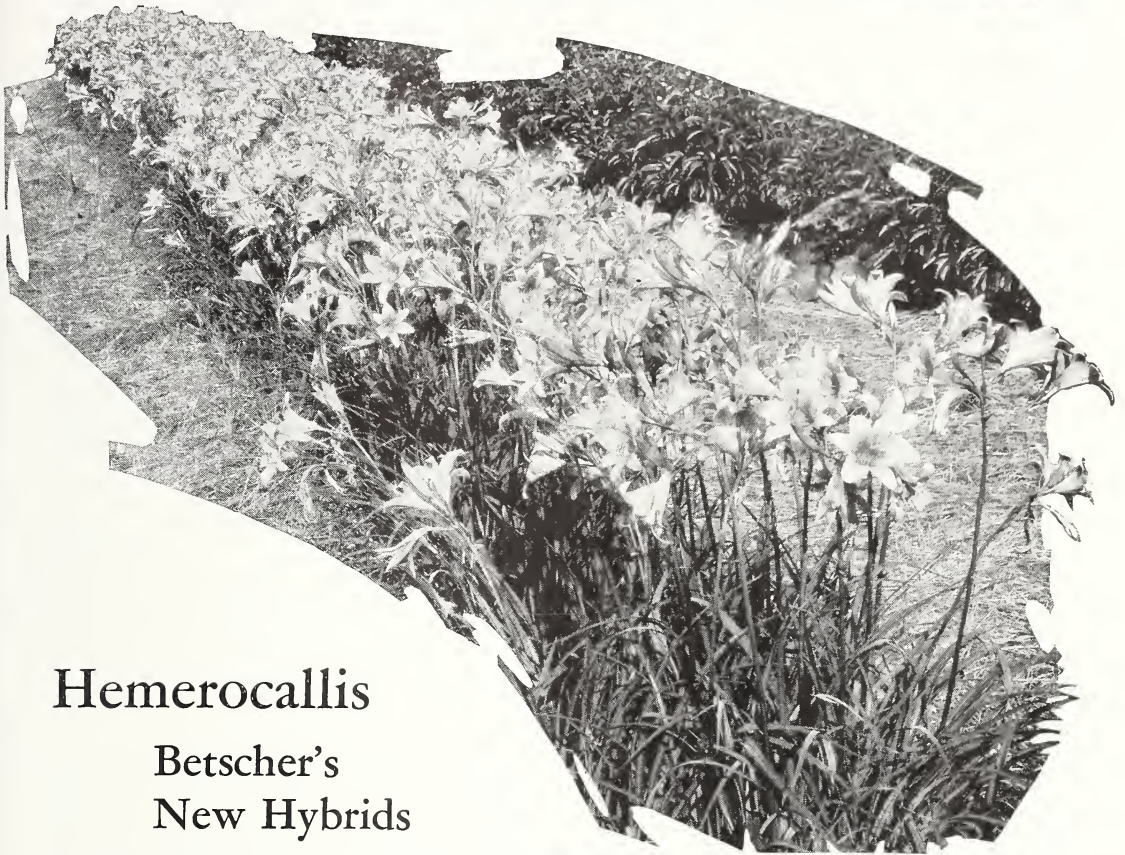
\***H. sanguinea gracillima {gracilis rosea}.** *Grass-leaf Coral Bells.* A slender and even more dainty plant than *H. sanguinea*. Suited to similar situations. \$1.05 for 3, \$2.70 for 10, \$24 per 100.

\***H., Splendens.** *Crimson Bells.* 18 in. May to September. A rich, dark crimson form which blooms over a very long season. \$1.05 for 3, \$2.70 for 10, \$24 per 100.

Those who wish to visit our nurseries, particularly in connection with perennials, will find the larger and much more complete stock at our North Abington Nurseries.

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100





## Hemerocallis

### Betscher's New Hybrids

For more than twelve years Charles Betscher has been patiently working with Day Lilies, interbreeding and selecting all varieties and species. Three years ago we were glad to introduce to American gardeners twelve of his originations which he selected, and three of which he named for us.

We have been growing them in our nursery for over five years, and we are just as enthusiastic about them now as when we first saw them. Three years ago we offered them for sale for the first time and had an excellent demand for them. The past years' customers have ordered them in increasing quantities. Visitors who saw them in our nursery were particularly interested in them. We trust that you will be able to come to our nursery and see them this summer.

We can supply strong plants of the varieties described at \$2 each, \$18 for 10

**Bay State.** Tall variety with deep yellow blossoms a shade lighter than Goldeni, and having wavy edge. A persistent bloomer from early July to middle August.

**Cressida.** A lovely deep reddish orange with narrow band across center. It is of medium height, with heavy foliage, and blooms from middle of July to middle of August.

**D. D. Wyman.** Light golden yellow at first, with a tawny splash across center of petal, becoming paler with maturity. Blooms from July 10 to early August.

**Goldeni.** A bushy sort with heavy foliage and deep orange flowers on short stems in July.

**Gypsy.** Orange-yellow blooms not quite so large as some of the other varieties. Very tall and strong; neat in appearance. This past year it bloomed from early July to late August.

**Harvest Moon.** Plants of medium height. Flowers with long, slender petals of clear orange-sherbet color appear in July.

**J. A. Crawford.** Very open, apricot-yellow blossoms appearing early in July. Plant of medium height and unusually floriferous.

**Lemona.** A splendid pale lemon-yellow which grows about 4 feet high and blooms in late July and into August. This is a favorite variety.

**Modesty.** Medium to large, pale yellow blooms on slender stems from middle to late July. Extremely graceful and flowers abundantly produced.

**Mrs. A. H. Austin.** Handsome, large flowers of deep golden yellow. Very fine variety which blooms over a long period beginning about July 10.

**Mrs. W. H. Wyman.** A wonderful sort and the very last to bloom. About same height as Lemona but just a shade lighter. Blooms from mid-July to latter part of August.

**The Gem.** Deep yellow blossoms of very fine substance, wavy edge. Medium height; light foliage. One of the first to bloom.

## HEMEROCALLIS • Day Lily

Much attention has been paid of late to improving the Day Lilies, and now a proper selection of varieties will enable one to have them in flower the greater part of the season. They are very decorative, with their ribbon-like foliage and their beautiful lily-like flowers, especially when grown in clumps at prominent places in the border. The pale lemon types are lovely with light blue flowers such as *Belladonna delphiniums*, and soft magenta or mauve tones find a happy combination with them. The richer yellow flowers give opportunity for combinations with darker blues and purples, as well as bolder, tawnier flowers. They are very hardy, very persistent, and make permanent borders when established.

**Hemerocallis aurantiaca major. Great Orange Day Lily.** 18 to 24 in. June to September. A splendid variety from Japan, with large, trumpet-shaped, sweetly scented flowers of deep orange. \$1.05 for 3, \$3 for 10.

**H. citrina. Citron Day Lily.** 3 ft. June and July. A broad-leaved sort with very fragrant long flowers of pale sulphur-yellow, borne on tall, graceful stems. Highly desirable for cutting.

**H. dumortieri. Early Day Lily.** 18 to 24 in. May and June. Rich cadmium-yellow buds and reverse of petals bronze-yellow.

**H. dumortieri sieboldi** (Blooms three weeks after *Dumortieri*). 18 to 24 in. June and July. Flowers orange-yellow; large leaves, long, narrow and tapering.

**H. flava. Lemon Day Lily.** 3 ft. May and June. Flowers clear lemon-yellow and very fragrant. Fine for cutting. Charming in masses on the banks of streams and in clumps in border or rock garden. \$1.20 for 3, \$3 for 10, \$24 per 100.

**H. fulva. Tawny Day Lily.** 3 ft. June and July. Handsome foliage with trumpet-shaped flowers of dusty orange with darker, almost crimson, shading. Attractive in semi-wild spots on the edge of water. A very vigorous and persistent plant. 75 cts. for 3, \$2.20 for 10, \$16 per 100.

**H. gracilis.** 12 to 15 in. June and July. Grass-like foliage; lemon-yellow flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**H. luteola. Golden Day Lily.** 4 ft. Golden yellow flowers. A splendid variety which is effective both in the garden and when cut. \$1.20 for 3, \$3 for 10, \$21 per 100.

**Hemerocallis middendorffii. Amur Day Lily.** 2 to 3 ft. June and July. Handsome golden orange flowers especially good for cutting.

**H. thunbergii. Japanese Day Lily.** 3 ft. July. Rich, clear buttercup-yellow, sweet-scented flowers.

We are the introducers of Betscher's remarkable *Hemerocallis* Hybrids. Described and offered on page 87.

### Hybrid Hemerocallis

These are all highly improved sorts, with purer color and flowers of higher finish than the species. Very splendid garden pictures can be made by placing them in appropriate locations. They look especially well near pools, although they are in no sense water-plants. A remarkable new set of varieties is offered on preceding page.

**Apricot.** 2 ft. June. A very pretty clear bright orange flower of excellent size and finish. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**Aureole.** 3 ft. May and June. A splendid early sort of rich orange-yellow.

**Betscher's Hybrids.** See preceding page.

**Dr. Regel.** 18 in. May and June. A very fragrant sort of pure orange-yellow. One of the finest named sorts and excellent for cutting.

**Gold Dust.** 2 ft. June. Very large, golden yellow flowers.

**Kwanso flore-pleno.** 2 to 3 ft. June and July. Double flowers of rich orange-copper.

**Orangeman.** 3 ft. May and June. Very large flowers of bright orange-yellow.

## HIBISCUS • Rose Mallow

The native Mallows are almost all swamp plants, but their garden forms seem to thrive well in dry places. They are big and bold, almost shrub-like, and look well against a shrub background. As they come up very late in the spring, their positions ought to be marked so that they will not be overlooked and cut with the hoe or other cultivating tools.

**Hibiscus moscheutos. Common Rose Mallow.** 3 to 4 ft. August and September. Large flowers of light pink. Excellent for water edge or bog-garden.

**H. moscheutos, Marvel Mallows, Red, White, Pink, and Mixed.** 3 to 6 ft. August and September. Robust plants with giant flowers often 10 to 12 inches in diameter, of varying shades from white to dark red. Useful in shrub border to give color when the shrubs are out of flower, but highly decorative in any situation. They do well in almost any location, but enjoy moisture at the root. Few plants are more spectacular.

**H. oculiroseus. Crimson-Eye Rose Mallow.** 3 to 6 ft. August and September. A similar plant to *H. moscheutos* but has very large snow-white flowers with a crimson center. Very showy and does well in almost all locations, even very wet ones.

**HOLLYHOCKS.** See *Althaea*



Hemerocallis





Hosta plantaginea grandiflora

### HIERACIUM • Hawkweed

*Hieracium aurantiacum*. *Orange Hawkweed*. 6 to 12 in. June to October. A low herb, producing small clusters of dandelion-like orange flowers, on leafless stems, rising from tufts of shaggy foliage. Good ground-cover for sterile waste land or wild garden.

\**H. pilosella*. *Yellow Hawkweed*. 4 to 12 in. Bloom all season. Plant creeping or spreading; rough foliage; flowers pale yellow. A quick ground-cover.

### HOSTA (Funkia) • Plantain Lily

Shade-loving plants that look well just at the edge of a heavy shrub border, or along shady paths. The flowers are like small, clustered lilies and rise on tall stems above the big, glossy leaves. Decorative in or out of flower.

*Hosta caerulea*. *Blue Plantain Lily*. 1 to 2 ft. July and August. Pretty masses of shiny foliage and deep violet-blue flowers on spreading stems.

*H. lancifolia*. *Lance-leaf Plantain Lily*. 2 ft. August. Spikes of pale lilac flowers; deep green narrow foliage.

*H. lancifolia albo-marginata*. *Silver-edge Plantain Lily*. 1 to 2 ft. June and July. A fine foliage plant with handsome white-margined leaves. Light blue flowers.

*H. lancifolia undulata variegata*. *Wavy-leaf Plantain Lily*. 1 ft. June and July. Fine variegated foliage and blue flowers. One of the best for edging.

*H. ovata*. 18 in. June. Large, handsome, glossy green foliage and big spikes of trumpet-shaped, lilac-colored flowers. \$1.20 for 3, \$3 for 10, \$24 per 100.

*H. plantaginea grandiflora*. *Big Plantain Lily*. 1 to 2 ft. August and September. This is the variety found in old gardens and yards, with big ribbed leaves and tall stems of waxy white flowers. \$1.20 for 3, \$3.50 for 10, \$30 per 100.

*H. sieboldiana*. *Cushion Plantain Lily*. 2 ft. August. Flowers pale blue and leaves metallic blue. \$1.20 for 3, \$3.50 for 10, \$30 per 100.

### HYPERICUM

\**Hypericum repens*. 4 to 6 in. A creeping plant with dark foliage and bright yellow flowers  $1\frac{1}{2}$  inches in diameter. A wonderful little plant. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

### HYSSOPUS

\**Hyssopus officinalis*. *Hyssop*. 1 to 2 ft. June to August. Aromatic shrubby herb of culinary and medicinal value with bluish purple flowers in leafy spikes. Good for edging and can be trimmed like box.

\**H. officinalis rosea*. A seedling variety which originated in our fields. Similar to the species but the flowers are pink.

### INULA

\**Inula ensifolia*. *Swordleaf Inula*. 6 to 8 in. July and August. A narrow-leaved sort with large, bright yellow flowers. Showy for a bold clump in the rockery. \$1.20 for 3, \$3 for 10, \$24 per 100.

*I. glandulosa*. *Caucasian Inula*. 18 to 24 in. July. Large, bright yellow, aster-like flowers with fringed petals. A good border plant. 90 cts. for 3, \$2.40 for 10.

*I. salicina*. *Willowleaf Inula*. 2 ft. July and August. A vigorous variety producing a profusion of pretty yellow flowers.

### IBERIS

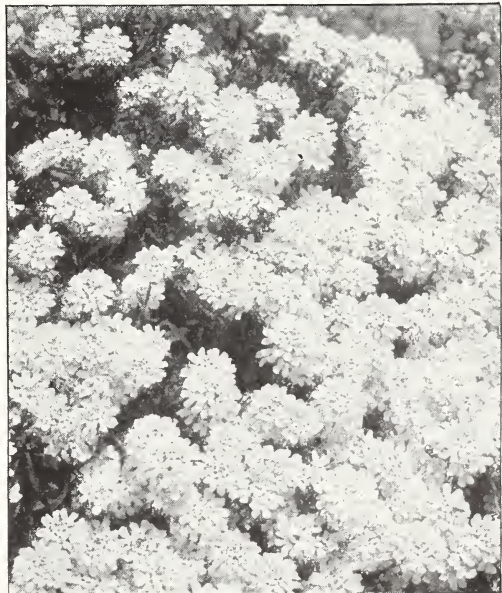
Edging and rock plants of much refinement and beauty. They should be planted in broad clumps or long lines, and they like to be let alone when once established.

\**Iberis gibraltarica*. 1 ft. May and June. White flowers tinged rose. One of the most striking and showy sorts and not always obtained easily as the true stock is fairly rare.

\**I. sempervirens*. *Evergreen Candytuft*. 1 ft. May. Of loose, spreading habit and distinctive narrow evergreen foliage. Flowers pure white, completely covering the plant. Splendid for rock garden; good for edging borders.

\**I. sempervirens*, *Little Gem*. 6 in. May. A miniature form of the above which blooms profusely and makes a splendid little evergreen rock plant or edging.

\**I. sempervirens*, *Snowflake*. An early-flowering variety, with large, snowy white flowers.



Iberis sempervirens



German Iris

## IRIS

Irises appeal both to the connoisseur who enjoys their delicacy of texture, beauty of form, and the exquisite colorings, ever modified by the interplay of light, shadows, and reflections within the complexity of the flower, and also to the "quick and easy" back-yard gardener because of their everlasting willingness to grow anywhere and bloom their heads off without any attention at all.

They rank among the most important of all plants and share the top of the perennial list only with the peony.

We have upward of one hundred and fifty varieties in our collection, including all classes in both named varieties and separate colors.

### German Iris • Tall Bearded Iris

This class of Iris is particularly adapted for the wild-garden, shrubbery border, or any well-drained garden soil. They bloom early and their variety of color is infinite. Very useful for cutting, the buds opening rapidly in water.

The following list includes many old varieties with certain characteristics that make them still greatly desirable, and we have added a number of newer varieties of real value. The figures which follow the names of the originators denote the rating according to the symposium of the American Iris Society, published in May, 1922.

They should be planted in full sunlight, in well-drained soil, and it is conceded that a little lime now and then is beneficial. There is considerable prejudice among Iris fanciers against using manure, and fertilization is usually accomplished by the use of bone-meal or some commercial product.

**Admiral Togo.** (Jacques, 1830.) S. and F. rich chrome-yellow. Large flowers of perfect form. 35 cts. each, \$3 for 10, \$24 per 100.

**Afterglow.** (Sturtevant, 1917.) 8.6 Soft grayish pink, shading to rich yellow through the center. 3 ft. 75 cts. each.

**Alcazar.** (Vilmorin, 1910.) 8.9 S. light bluish violet; F. deep purple, with bronze-veined throat. 42 in. 40 cts. each, \$3 for 10, \$27 per 100.

**Amas.** (Foster, 1885.) 7.8 S. rich blue; F. violet; very large, beautiful flower. 2 ft. 40c. each, \$3.50 for 10.

**Ambassadeur.** (Vilmorin, 1920.) 9.4 S. lavender with smoky stains and crystalline texture; F. glorious purple with a silky velvety sheen of glowing crimson. One of the tallest, largest, and most beautiful Irises in the world. 60 cts. each, \$5 for 10.

**Archeveque.** (Vilmorin, 1911.) 8.3 S. deep purple-violet; F. deep velvety violet. 2 ft. 50 cts. each, \$4 for 10.

**Atroviolacea.** (Salter, before 1859.) S. violet-blue; F. deep purple. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Aurea.** (Jacques, 1830.) S. and F. rich chrome-yellow. Large flowers of perfect form. 35 cts. each, \$3 for 10, \$24 per 100.

**Canary Bird.** (Barr, 1910.) S. canary-yellow; F. crimson-purple; very distinct. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Candelabre.** (Vilmorin, 1911.) 6.6 S. pale lavender-violet, flecked darker at base; F. velvety purple, densely veined. 2 ft. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Caprice.** (Vilmorin, 1898.) 7.5 S. rosy red; F. deeper rosy red. 15 in. 35 cts. each, \$3 for 10, \$24 per 100.

**Cecil Minturn.** (Farr, 1922.) S. light lavender-pink; F. pale purple, center violet stained, and illumined by a golden beard. Medium-sized flower on stems 27 inches high. A wonderful "pink" Iris for specimen clumps or broad landscape effect. It grows and spreads rapidly. 60 cts. each, \$5 for 10.

**Charles Dickens.** (1889.) S. blue; F. dark blue, suffused and veined dark violet; anthers white, tipped yellow. 30 cts. each, \$2.40 for 10, \$18 per 100.





## GERMAN IRIS, continued

**Eldorado.** (Vilmorin, 1910.) 7.8 S. bronzy yellow stained mauve; F. violet and yellow-bronze. 2½ ft. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Flavescens.** (De Candolle, 1813.) S. and F. creamy white and pale yellow; very fragrant. Free blooming. Early. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Florentina alba.** (Italy, 1500.) Creamy white, with a faint lavender cast. A variety of the following and both bloom very early in the season. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Florentina, Blue** (*Iris germanica*). S. and F. blue; fragrant, free bloomer. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Garrick.** (Caparne, 1901.) S. lilac; F. dark violet-blue. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Gen. Grant.** (Dutch, 1889.) S. pale lemon; F. purple, striped white on the lower half, narrowly bordered with lemon. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Gold Imperial.** (Sturtevant, 1924.) S. and F. rich golden yellow, intensified by a bright orange beard. Flower of medium size on tall stems, 33 inches. One of the rare choice Irises. Good, pure yellow varieties are very scarce. \$1.25 each, \$10 for 10.

**Her Majesty.** (Perry, 1903.) 7.3 S. rose-pink; F. bright crimson, shaded darker. 22 in. 35 cts. each, \$3 for 10, \$21 per 100.

**Herant.** (1889.) S. bright blue; F. much deeper in color. A beautiful broad-leaved sort; very early flowering. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Horatius.** S. buff, shaded blue; F. blue, veined deeper blue and chocolate. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Iris King.** (Goos & Koenemann, 1907.) 7.9 S. lemon-yellow; F. rich maroon, bordered yellow. 22 in. 35 cts. each, \$3 for 10.

**Isoline.** (Vilmorin, 1904.) 8.6 S. rosy lilac; F. darker, veined brown at the base, with a bright orange beard. Tall, very large, and the falls carried in unique style. Very fine popular variety. 25 cts. each, \$2.20 for 10, \$15 per 100.

**Johan de Witte.** S. light lilac-blue; F. purple. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Juniata.** (Farr, 1909.) 8.1 S. and F. clear blue. Large, fragrant flowers. 44 in. 35 cts. each, \$3 for 10, \$24 per 100.

**Kochi.** S. and F. dark, rich purple, very broad and large. An excellent early sort 12 to 18 inches high. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Lent A. Williamson.** (Williamson, 1918.) 9.0 S. mysterious lavender-violet with silky sheen; F. velvety purple with a dull blackish shadow and rich velvety texture. Center brightened by a showy gold-orange beard. One of the finest Irises in existence. Flowers very large borne on vigorous branching stems 4 feet high. 60 cts. each, \$5 for 10.

**Lohengrin.** (Goos & Koenemann, 1910.) 8.2 S. and F. light lilac-pink with a soft, silvery sheen. Strong erect stems. Very handsome. 35 cts. each, \$3 for 10, \$25 per 100.

**Lord of June.** (Yeld, 1911.) 9.1 S. light silvery blue; F. darker, marked with brown at the base. Very large, stately flowers on tall stems. One of the most beautiful of all Irises. 60 cts. each, \$5 for 10.

**Loreley.** (Goos & Koenemann, 1909.) 7.9 S. light yellow; F. deep sea-blue, with creamy edging. An excellent bedding variety for landscape effects. 32 in. 35 cts. each, \$2.70 for 10, \$20 per 100.

**Midnight.** A rich velvety dark purple. 28 in. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Mme. Chereau.** (Lemon, 1844.) S. and F. white, edged and feathered with violet and pale blue. Very free flowering but a landscape variety only. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Monsignor.** (Vilmorin, 1907.) 8.4 S. pale violet; F. with a groundwork of the same color but richly overlaid and veined with deep purple. 28 in. 50 cts. each, \$4 for 10.

**Mother of Pearl.** (Sturtevant, 1921.) S. and F. pale bluish lavender with a faint creamy undertone. Large flowers of exceptional substance and perfect form on well-branched stems. Color is delicately beautiful. 50 cts. each, \$4 for 10, \$36 per 100.

**Mrs. Horace Darwin.** (Foster, 1903.) 6.8 S. pure white; F. slightly reticulated violet at the base. 2 ft. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Nibelungen.** (Goos & Koenemann, 1910.) 7.3 S. fawn-yellow; F. violet-purple on bronze. Large. 2½ ft. 35 cts. each, \$2.70 for 10, \$20 per 100.

**Nuee d'Orage.** (Verdier, 1905.) 7.6 S. pale mauve or slate-color; F. reddish purple. Free flowering. 3 ft. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Oroya** (*Charles Dickens*). S. purple; F. purple, penciled white and mauve; limb purple, splashed with darker shade. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Pallida Dalmatica, Princess Beatrice.** True Pallida Dalmatica, and still one of the most attractive varieties as well as most satisfactory. Large flowers of a clear lavender-blue, shading to a pale silvery blue at the base, and sweetly scented. 40 cts. each, \$3 for 10, \$24 per 100.

**Parc de Neuilly.** (Verdier, 1910.) 8.1 Flowers rich plum-purple; S. arching, ruffled; F. drooping. 2½ ft. 50 cts. each, \$4 for 10.

**Pauline.** (Farr, 1913.) S. bright blue; F. dark blue. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Perfection.** (Barr.) 7.8 S. light blue; F. velvety purple-black, with conspicuous orange beard. 3 ft. 35 cts. each, \$3 for 10, \$21 per 100.

**Pocahontas.** (Farr, 1915.) 7.7 S. and F. pure white, with S. faintly bordered pale blue. 28 in. 50 cts. each.

**Princess Victoria Louise.** (Goos & Koenemann, 1910.) 7.2 S. sulphur-yellow; F. rich plum, bordered cream. 2½ ft. 35 cts. each, \$2.70 for 10, \$20 per 100.

**Prosper Laugier.** (Verdier, 1914.) 8.3 S. light bronze-red; F. deep velvety crimson, richly veined at the throat. 35 cts. each, \$2.70 for 10, \$20 per 100.

**Purple King.** A bright purple. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Quaker Lady.** (Farr, 1909.) 8.4 S. smoky lavender with yellow shading; F. aegerum-blue and old-gold. 32 in. 40 cts. each, \$3.50 for 10, \$30 per 100.

**Queen Caterina.** (Sturtevant, 1918.) 9.1 S. and F. light silvery blue, with a very faint lavender tinge, veined bronze in the heart of the flower, and bearing a rich orange beard. One of the handsomest varieties. 40 cts. each, \$3.50 for 10, \$27 per 100.

**Queen of May.** (Salter, before 1859.) S. most delicate rose-pink. The best "pink" for landscape use. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Rebecca.** (Lemon, 1840.) S. golden yellow; F. yellow, splashed and veined golden brown. 30 cts. each, \$2.40 for 10, \$18 per 100.

**GERMAN IRIS, continued**

**Rhein Nixe.** (Goos & Koenemann, 1910.) 8.4 S. pure white; F. deep violet-blue with white edge. 3 ft. 35 cts. each, \$3 for 10, \$21 per 100.

**Shekinah.** (Sturtevant, 1918.) 8.8 S. and F. pale lemon-yellow, shading to buff and straw-color, and a strong orange beard. A fine tall plant and one of the very few good, tall yellow varieties. 50 cts. each, \$4 for 10.

**Sherwin-Wright.** (Kohankie, 1915.) 7.6 Fine golden yellow; vigorous grower. 2 ft. 35 cts. each, \$3 for 10, \$24 per 100.

**Souvenir de Mme. Gaudichau.** (Millet, 1914.) 9.3 A splendid early variety of clear, distinct blue-purple, very dark and fine. Excellent substance and tall stems. \$1 each, \$8 for 10.

**St. Clair.** (Lemon, 1854.) S. and F. white, with well-defined blue borders half an inch wide. One of the best. 3 ft. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Striata.** S. pure yellow; F. white, with yellow border, penciled dark brown. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Violetta.** (Dykes, 1921.) S. white; F. blue, striped lavender. 30 cts. each, \$2.40 for 10, \$18 per 100.

**White Knight.** (Saunders, 1916.) 8.3 A beautiful, absolutely pure white variety without markings; well formed; sweet-scented. 18 in. 35 cts. each, \$3 for 10.

**William III {Amas}.** (Col. by Foster, 1885.) Dark violet, very large flower; late and beautiful; very fragrant. 30 cts. each, \$2.40 for 10, \$18 per 100.

**Iris kaempferi • Japanese Iris**

Extremely showy plants, bearing enormous, flat, salver-like flowers in many shades of white, lavender, purple, violet, blue, and beautifully veined types. They bloom about one month after the German Iris varieties, usually in mid-July.

They like a moist spot and full sun, but do well in dry soil if plenty of water is supplied at blooming-time. This is one of the finest groups of perennials. They are so distinct from other Irises that they seem to belong to a different family.

Prices of Japanese Iris, except where otherwise noted, are 50 cts. each, \$4 for 10, \$30 per 100. We will furnish 10 named Japanese Iris of our own selection for \$4—all good varieties. 10 named Japanese Iris, your selection, would cost \$40.

**Alida.** White, six-petaled variety, with stripe of light blue.

**Aspasie.** (Vilmorin, 1905.) Single; soft mauve-blue.

**Astarte.** (Vilmorin, 1903.) Double; beautiful dark violet.

**Babylon.** (Hallock, 1889.) Reddish purple; very rich color; extra-large flowers.

**Band of Clouds {Kumo-no-Obi}.** Bright clear purple with distinct rays and halo of white.

**Blue Belle.** Beautiful deep blue, yellow center; late.

**Blue Bird.** (Hallock, 1889.) Intense blue throughout.

**Blue Danube.** (Hallock, 1889.) Pure rich blue, yellow center; six petals.

**Commodore Perry.** Very dark violet-red; six petals; medium size.

**Double Blue Belle.** Beautiful, double, deep blue flowers; very late.

**Gold Bound.** (Hallock, 1885.) Large white flowers, yellow center; six petals.

**Harlequin.** (Elliott.) Whitish lavender; large.

**Helen Von Siebold.** Deep pink, white lines.

**Hercules.** (Vilmorin, 1910.) Light blue, shaded with violet.

**Iso-no-Nami.** Cerulean-blue on gray-lilac, flaked and speckled, large yellow blotches; six petals.

**Kamaochi-guma.** Dark purplish indigo; midseason; double.

**Mahogany.** (Hallock, before 1893.) Dark red, shaded maroon; six petals; very distinct.

**Maple Cascade.** A choice double variegated variety; bright crimson-purple, beautifully feathered in white.

**Melpomene.** (Vilmorin, 1906.) Double; charming shades of lilac and blue.

**Minerve.** (Vilmorin, 1908.) Single; a lovely pink shade, tinted rose.

**Moonlight Waves {Gekka-no-nami}.** White, overlaid light pink; yellow center. A very choice variety. 75 cts. each, \$7 for 10.

**Navy Blue.** Rich dark blue, yellow at base; six petals.

**Neptune.** (Vilmorin, 1906.) Violet, overlaid dark blue; single.

**Norma.** (Hallock, 1893.) Double; shining lavender-pink, tinged blue and gold at center. Large and fine.

**Oscar.** (Hallock, 1885.) Dark red, changing to a very light color.

**Painted Lady.** White, richly suffused and striped with bright pink; very showy.

**Paragon.** (Hallock, 1885.) Rich velvety purple; six petals.



Japanese Iris





## JAPANESE IRIS, continued

**Patrocle.** (Vilmorin, 1907.) Single; superb dark reddish violet.

**Proserpine Vilmorin.** (Vilmorin, 1908.) Rich lavender, stippled on grayish ground, center lavender-violet edged white.

**Purple and Gold.** Enormous double flowers; early and free blooming. Color rich violet-purple with white petaloids.

**Purple Emperor.** (Wallace, 1910.) Very dark purple, yellow center; large flower and strong grower.

**Pyramid.** (Hallock, before 1893.) Lilac-blue veined with white in center of petals; six petals.

**Reine des Bulgares.** (Vilmorin, 1910.) Single; the three large outer petals of soft lilac-blue finely veined with white, the lilac a little more pronounced in the small center petals, half yellow.

**Turban.** (Hallock, 1889.) Beautiful light blue and white; six petals. One of the best.

**Uchi wa.** Cerulean-blue, yellow blotches surrounded with white halo radiating out into broad line; six petals; very long stems.

**Venus.** (Hallock, before 1893.) Pure white. A strong grower and free bloomer.

**White Crane {Manadzuru}.** Six large white petals blotched yellow and feathered blue. A very handsome and decorative variety.

**William Tell.** (Hallock, 1885.) White, veined with indigo; six petals. A very attractive variety. 50 cts. each, \$4 for 10, \$30 per 100.

**Zama Forest.** Large white blossom, the face of which is shaded with purple; three petals.

**Kaempferi, Mixed Colors {Mixed Japanese Iris}.** 35 cts. each, \$3 for 10, \$20 per 100.

## Dwarf Bearded Iris

Charming, very dwarf plants which bloom in May and June. The flowers are large and showy, of the same general appearance as the German Iris. They are very easily grown and spread rapidly into a dense mat, which makes them very suitable for edging borders and for rather broad patches in the rock garden. Coming into flower with the daffodils and tulips, they make a splendid prelude to the grand chorus of German and Japanese varieties which follow them.

**\*Bride.** (Caparne, 1901.) A large, showy, pure white. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\*Charmer.** (Caparne, 1901.) A pretty little light blue flower, delightful in the rock garden. \$1.05 for 3, \$2.70 for 10.

**\*Cyanea.** (Goos & Koenemann, 1899.) Deep blue. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\*Dixmude.** (Millet & Fils, 1916.) Dark violet-purple. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\*Excelsa.** (Goos & Koenemann, 1899.) 5 in. A fine yellow form. \$1.05 for 3, \$2.70 for 10.

**\*Pumila Atrovioleacea.** (Todaro, 1856.) A rich royal purple. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\*Pumila, Canary.** Bright yellow. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\*Sambo.** (Perry, 1903.) 10 in. Dark purple with crimson veins. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\*Schneekuppe.** (Goos & Koenemann, 1910.) White, slightly veined darker at the base of petals. \$1.50 for 3, \$4 for 10.

**\*Spring Skies.** Clear, light blue, self-colored flowers of great attractiveness. \$1.05 for 3, \$2.70 for 10, \$20 per 100.



Iris cristata

## Miscellaneous Iris

**\*Iris cristata. Crested Iris.** 4 to 5 in. Early. A very low southern species with charming light blue flowers marked with white. Pretty in open border and on a rock ledge. 90 cts. for 3, \$2.40 for 10, \$18 per 100.

**I. chrysographes. Goldvein Iris.** 2 to 3 ft. Blooms after the Japanese Iris. Rich, dark red-violet flowers of graceful form, conspicuously veined with golden yellow. A handsome late Iris, good for water-planting. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**I. forrestii.** An 18-inch erect plant for stream-side, with clear yellow flowers faintly veined with purple. Charming. \$1.25 each.

**\*I. gracilipes.** A rock-garden gem with tiny lilac-pink flowers on 8 and 10-inch stems. \$1.25 each.

**I. orientalis.** 18 to 24 in. June and July. A fine shade of Yale blue. 90 cts. for 3, \$2.20 for 10, \$15 per 100.

**I. pseudacorus.** 4 ft. May and June. The common yellow Water-Flag, suitable for marshes and water-courses. 90 cts. for 3, \$2.40 for 10, \$18 per 100.

**\*I. reticulata.** Small, rush-like plant with rich violet flowers mottled with gold; fragrant. Splendid rock plant. \$1.25 each.

**I. sibirica.** 3 ft. June. Long, narrow leaves; pale blue flowers. Fine for water-garden. 90 cts. for 3, \$2.40 for 10, \$18 per 100.

**I. sibirica alba.** A fine, pure white form. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**I., Snow Queen.** (Collected in Japan, 1900.) 3 ft. June and July. Large, well-formed and exquisite snowy white flowers in great abundance. Foliage very graceful. A gem for border or waterside. 90 cts. for 3, \$2.40 for 10, \$18 per 100.

**\*I. verna.** 4 in. June. A little low Iris with blue flowers, having a yellow center. 90 cts. for 3, \$2.40 for 10, \$18 per 100.

**I. versicolor.** 20 in. June. A native of stream-sides and swamps, producing its charming light purple flowers very freely in spring and early summer. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

## INCARVILLEA

*Incarvillea delavayi*. 18 in. June and July. A hardy, tuberous-rooted plant, and one of the choicest perennials yet introduced. The large, rose-colored, trumpet-shaped flowers are produced in clusters and have unusual lasting qualities. Good border plants for sheltered positions. \$1.20 for 3, \$3 for 10.

## JASIONE

\**Jasione perennis*. *Sheep's-Bit*. 6 to 12 in. July and August. A good rock or border plant of compact habit, bearing numerous round heads of blue flowers. 90 cts. for 3, \$2.40 for 10.

## KNIPHOFIA • Torch Lily

*Kniphofia uvaria pfitzeriana*. *Bonfire Torch Lily*. 2 to 3 ft. August to October. A lily-like plant which produces extra-fine spikes of orange-scarlet flowers, with long, protruding anthers.

*K. uvaria grandiflora*. *Dayglow Torch Lily*. 3 to 4 ft. August and September. The old-fashioned sort with rich red flowers, changing to salmon.

*K. uvaria nobilis*. *Giant Torch Lily*. 4 ft. August to November. Immense spikes of orange-red flowers.

## LATHYRUS • Pea

\**Lathyrus latifolius*. *Perennial Pea*. 4 ft. July to September. Clusters of large, bright rosy red flowers, on long stems produced in abundance. Can be used as a tall, bushy perennial, or makes an excellent vine for covering rocks, stumps, and walls.

*L. latifolius albus*. *White Perennial Pea*. 4 ft. July to September. A white-flowering variety of the above, useful for the same purposes. 90 cts. for 3, \$2.40 for 10, \$20 per 100.

*L. latifolius*, *Pink Pearl*. 4 ft. July to September. An improved variety with clusters of large pink flowers. Fine.

## LAVANDULA

*Lavandula officinalis (vera)*. *True Lavender*. 18 in. July and August. This is the true Sweet Lavender. Delightfully fragrant blue flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

\**L. officinalis nana*. A dwarf, more compact plant than *L. officinalis*, with somewhat darker flowers, and blooms earlier. Good for rock garden. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*L. spica*. *Spike Lavender*. 1 ft. July and August. A little lighter in color than the preceding, with shorter, denser spikes of flowers and even stronger and more pervasive scent. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

## LEONTOPODIUM • Edelweiss

\**Leontopodium alpinum*. 6 to 8 in. June to August. A famous alpine plant for a dry situation. The flowers are woolly, grayish white, and curiously shaped rosettes on the tops of sturdy stems. \$1.20 for 3, \$3.50 for 10, \$30 per 100.

## LEWISIA

\**Lewisia cotyledon*. 10 in. Rosettes of fleshy 3-inch leaves from which arise slender stems topped with sprays of white flowers veined with pink, like the common spring beauties. Charming rock plant from the California mountain-tops. \$1.80 for 3, \$5 for 10.

## LIATRIS

*Liatris pycnostachya*. *Cat-tail Gayfeather*. 3 to 5 ft. August to October. A most striking and desirable plant, with great rocket-like spikes of pale purple flowers. Excellent for the border or among shrubbery.

*L. spicata*. *Spike Gayfeather*. 2 to 3 ft. July to September. Slender spikes densely crowded with rosy purple flowers.

## LIGULARIA

*Ligularia clivorum*. *Ragweed*. 2 to 3 ft. July to September. Many fleshy stems with loose clusters of large orange-yellow flowers. Large, shiny leaves. A fine plant for the waterside. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

*L. veitchiana*. 6 ft. June and July. Bright yellow flowers on tall stems forming spikes 2 feet long. A good border plant with large tufts of spreading foliage for shady places. 60 cts. each, \$5 for 10.

*L. wilsoniana*. *Giant Groundsel*. 4 ft. July and August. Spikes of yellow flowers later than *L. veitchiana*. 50 cts. each, \$4 for 10.

## LIMONIUM • Statice

\**Limonium latifolium*. *Bigleaf Sea Lavender*. 2 ft. July and August. A most valuable plant either for the border or for the rockery. It bears tufts of leathery foliage and immense candelabra-like heads of minute, purplish blue flowers, the sprays often 1½ feet high and 2 feet across. If cut and dried, the flowers last in perfect condition for months.

## LINARIA

\**Linaria cymbalaria*. *Kenilworth Ivy*. June to October. A trailing plant or vine with ivy-like leaves and dainty little lavender flowers. A perfect plant for rock-crevices and for flaggings and walls. Also much used in hanging-baskets or wherever a vigorous, persistent trailing plant is desired.

## LINUM • Flax

\**Linum flavum*. *Golden Flax*. 1 ft. June and July. A neat, bushy plant with numerous yellow flowers. Fine for rock garden. \$1.05 for 3, \$2.70 for 10, \$18 per 100.

\**L. narbonne*. *Narbonne Flax*. 1 to 2 ft. May and June. A good, hardy plant of spreading habit, bearing large, azure-blue flowers in loose sprays. 90 cts. for 3, \$2.40 for 10, \$20 per 100.

\**L. perenne*. *Perennial Flax*. 18 in. May to August. A desirable bushy little plant with wiry stems and a multitude of large, clear blue flowers. Good in either border or rockery.

\**L. perenne alba*. *White Perennial Flax*. A white-flowered variety of the above.

## LOBELIA

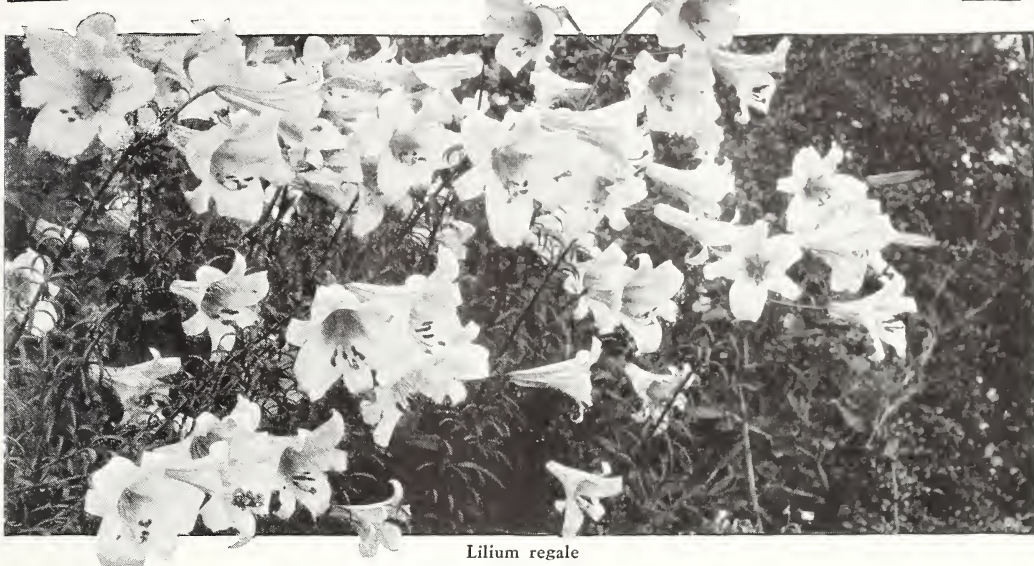
*Lobelia cardinalis*. *Cardinal Flower*. 3 ft. July and August. A very showy variety with long spikes of scarlet flowers and handsome green foliage. Desirable for planting along water's edge.

*L. siphilitica*. *Large Blue Lobelia*. 2 to 3 ft. August and September. An interesting plant with dense spikes of showy deep blue flowers. Useful along edge of ponds or streams.

*L. siphilitica alba*. *Large White Lobelia*. A handsome white-flowered form of above. Good for damp ground or bogs. 90 cts. for 3, \$2.40 for 10.

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100





Lilium regale

## LILIUM • Lily

The Lilies are a marvelously beautiful and variable race and merit a great deal of attention in all perennial plantings. The white kinds are most highly finished and look best in more or less formal surroundings, while the red and orange kinds are more adapted to the edges of shrubbery or to meadow planting. Most Lilies require a little shade about their roots, and for that reason are best planted among low shrubs, or under thin trees. They like good soil, but no manure, and they must not be in wet ground.

**Lilium auratum. Goldband Lily.** 3 ft. July and August. Gigantic, pure white flowers with tiny crimson spots and a broad gold band through each petal. Especially effective scattered in evergreen beds or massed in generous clumps in the perennial border. \$1.50 for 3, \$4 for 10, \$30 per 100.

**L. canadense. Canada Lily.** 4 to 6 ft. July and August. Slender stems with whorled leaves and big, branching sprays of drooping, bell-like flowers varying from orange-yellow to tawny red.

**L. candidum. Madonna Lily.** 2 to 3 ft. June and July. The most popular of garden Lilies. The pure white, very fragrant flowers are arranged like a snowy pyramid about the stiff, tapering stem. \$1.20 for 3, \$3.50 for 10, \$30 per 100.

**L. carolinianum. Carolina Lily.** 2 to 4 ft. July and August. Same color as *L. superbum*, but with paler, almost white throat. \$1.05 for 3, \$3 for 10.

**L. elegans.** 18 in. July. A dwarf sort, bearing clusters of erect flowers varying from orange to deep maroon. \$1.05 for 3, \$3 for 10.

**L. hansonii. Japanese Wax Lily.** 3 to 4 ft. June and July. Stiff stems with whorls of narrow leaves, surmounted by sprays of nodding, reflexed flowers with thick, waxy petals of apricot-yellow dotted with brown. Grows well in ordinary garden soil, likes partial shade, and blooms in late spring. A very quaint and charming Lily, and one of the easiest of the whole group to raise. \$2.25 for 3, \$6 for 10.

**L. henryi. Henry Lily.** 6 to 8 ft. July and August. A very tall, sturdy Lily bearing giant sprays of reflexed, bright apricot-orange flowers somewhat like the Speciosums, each marked by a rich emerald-green crease at the base of each petal. Needs shade at the root and sun for the flowers. 75 cts. each, \$6 for 10.

**Lilium longiflorum giganteum. Giant Easter Lily.** 4 to 5 ft. July and August. The white Lily sold by florists at Easter, and much more beautiful when grown in the garden. \$1.80 for 3, \$5 for 10.

**L. regale. Royal Lily.** 2 to 3 ft. July. This variety has enormous white flowers, shaded pink or purple, with a canary-yellow center. Undoubtedly the easiest of the white Lilies to grow and will grow almost anywhere, so long as the flowers can reach the sunlight. Lovely on top of a wall, or in the higher sections of the rock garden where it can be looked up to. \$1.80 for 3, \$5.50 for 10, \$50 per 100.

**L. speciosum album. White Speciosum Lily.** 3 ft. August and September. Large, pure white, fragrant flowers. \$1.50 for 3, \$4.40 for 10, \$40 per 100.

**L. speciosum rubrum. Red Speciosum Lily.** 3 ft. August and September. Large, fragrant flowers of light pink with a crimson stripe and many deep pink dots. Fine for planting among evergreens. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

**L. superbum. American Turkscap Lily.** 3 to 4 ft. July. Flowers bright reddish orange, conspicuously spotted. Especially effective scattered in margin of evergreens. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**L. tenuifolium. Coral Lily.** 18 in. July. Slender, narrow-leaved plants with a few drooping smallish flowers of coral and vermilion. Very pretty and showy. \$1.05 for 3, \$3 for 10, \$25 per 100.

**L. tigrinum. Tiger Lily.** 2 to 5 ft. August. Nodding, bright red flowers, thickly covered with large purplish spots in a pyramidal cluster. A thoroughly old-fashioned and remarkably useful plant. 90 cts. for 3, \$2.40 for 10, \$20 per 100.

**L. tigrinum fl.-pl.** A double-flowering form of above. \$1.50 for 3, \$4 for 10, \$30 per 100.

## LUPINUS • Lupine

The Lupines are a coming flower. While they have long been grown to a limited extent, we are just beginning to realize the possibilities of these beautiful plants. They delight in dry, sunny situations and resent being disturbed when once established. A good, healthy border of them is rivaled in beauty only by the finest Delphiniums. One or two plants do not make much of a show; they should be planted by the dozen or the hundred.

**Lupinus polyphyllus. Washington Lupine.** 2 to 3 ft. June to September. Beautiful plants with handsome leaves and deep blue, pea-shaped flowers in bold, long spikes. Cut off faded flowers to insure continuous bloom.

**L. polyphyllus albiflorus. White Washington Lupine.** 3 ft. June to September. Fine, bold, showy plant with white flowers.

**L. polyphyllus moerheimi. Moerheim Lupine.** 2 ft. June to September. A new variety and one of the best Lupines. It produces fine long spikes of pink flowers in varying shades. Excellent for the border and cutting. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**L. polyphyllus roseus. Blush Lupine.** 3 ft. June to September. Very charming sort with rosy pink flowers. A free bloomer. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**L. polyphyllus, Downer's Hybrids.** 2 to 3 ft. June to September. This fine new strain embraces many shades of pink, white, and both light and dark blues and purples. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

## LYCHNIS • Campion

A much-varied family of old-fashioned plants which have been grown under various names—*Viscaria*, *Lychnis*, *Agrostemma*, etc. They are all permanent and pleasing and full of old-time charm. The individual plants are usually small and should be massed to secure showy effect. This is especially applicable to *L. chalcidonica* and *L. coronaria*.

**\*Lychnis alpina. Arctic Campion.** 4 in. May and June. An alpine plant with tufted foliage and reddish purple flowers. \$1.05 for 3, \$2.70 for 10, \$18 per 100.

**L. chalcidonica. Maltese Cross.** 2 to 3 ft. June to August. An old and valued plant with terminal heads of very showy orange-scarlet flowers.

**L. chalcidonica alba.** 2 to 3 ft. A form of the preceding with white flowers.

**L. coronaria. Rose Campion.** 18 in. July. A woolly, branching plant with grayish leaves bearing brilliant carmine or crimson flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**L. coronaria alba. White Campion.** Same as preceding, except the flowers are white. They look well together. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**L. flos-cuculi. Ragged Robin.** 12 to 18 in. June to September. A spreading plant with fringed pink flowers in clusters.

**L. flos-jovis. Flower-of-Jove.** 12 to 18 in. July. A fine old-fashioned plant making dense rosettes of leaves from which rise clusters of fringed rosy pink flowers.

**L. haageana. Haage Campion.** 1 ft. June to August. A very showy perennial, producing orange-red, scarlet, or crimson flowers nearly 2 inches across.

**\*L. viscaria splendens flore-pleno. Double Rose-pink Campion.** 12 to 15 in. June and July. A splendid variety of tufted habit with large, double, rose-colored flowers closely arranged on slender stems. A fine old-fashioned perennial adapted to the rock-garden or border, also good for cutting.

## LITHOSPERMUM

**\*Lithospermum, Heavenly Blue.** 6 in. A most desirable little plant for the rock garden with heads of clear blue flowers in midsummer. Rather spreading habit. \$1 each.

## LYSIMACHIA • Loosestrife

**Lysimachia clethroides. Clethra Loosestrife.** 2 ft. July to September. A pretty border perennial with long, dense spikes of starry white flowers and oval foliage with brilliant tints in autumn. Splendid for cut-flowers. 90 cts. for 3, \$2.40 for 10, \$20 per 100.

**\*L. nummularia. Moneywort.** 4 in. June and July. A rapid-growing, creeping plant with round, shining leaves arranged in pairs, and small, yellow, bell-shaped flowers. For hanging-baskets, rockwork, and walls, where it will make dense mats of foliage and flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**L. punctata.** 18 to 24 in. June and July. Grows in dense clumps, with light yellow flowers close to stem.

**L. vulgaris. Golden Loosestrife.** 2½ to 3 ft. July. A vigorous, branching plant with pointed leaves in whorls, with large yellow flowers like golden stars on thread-like stems among the leaves, and packed into a leafy panicle at the top of the plant. Very showy and easy to grow. \$1.05 for 3, \$3 for 10, \$24 per 100.

## LYTHRUM

**Lythrum alatum. Winged Lythrum.** 2 to 3 ft. August to October. The very showy, deep purple flowers are borne in long spikes. Likes moist soil and is excellent among shrubbery.

**L. salicaria roseum. Rose Loosestrife.** 4 to 5 ft. July to September. A strong, erect plant with spikes of rosy flowers. Splendid for banks of streams.

**L. salicaria roseum, Perry's Variety.** 4 to 5 ft. August and September. A choice new variety with glistening cherry-red flowers. A fine plant for naturalizing.

**L. virgatum. Wand Lythrum.** 18 in. July to September. A more slender plant than *L. salicaria* with smaller flowers, but of a deeper, more intense shade of rose-pink. An excellent variety for landscape work because of its color value which shows up remarkably at a distance. \$1.05 for 3, \$3 for 10.

## MALVA • Mallow

**Malva alcea. Hollyhock Mallow.** 2 ft. July to September. Round, much-divided leaves and numerous bright pink flowers, like small hollyhocks.

**M. moschata. Musk Mallow.** 18 to 24 in. July to September. Fragrant, rosy-tinted flowers in clusters. A very pretty and deserving plant which should be massed in borders.

**M. moschata alba. White Musk Mallow.** A white form of the above.

## MAZUS

**\*Mazus rugosus.** 1 in. May and June. A very low, creeping plant, with many lilac, lobelia-like flowers. Very good between stepping-stones. \$1.05 for 3, \$2.50 for 10, \$20 per 100.

## MELISSA • Balm

**Melissa officinalis. Common Balm.** 1 to 2 ft. June to August. An old-fashioned sweet herb, grown for its fragrant foliage. White and yellowish flowers in clusters.

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100





## MENTHA • Mint

**Mentha piperita.** *Peppermint.* 1 to 3 ft. July and August. A well-known useful herb with fragrant foliage. Thrives well in any soil. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\***M. requienii.** *Requien Mint.* 2 to 4 in. July. This minute, creeping herb has tiny, round leaves and pale mauve flowers. Peppermint scented. \$1.05 for 3, \$3 for 10.

**M. spicata.** *Spearmint.* 1 to 2 ft. July and August. Purplish flowers on slender spikes. Foliage has an attractive taste and fragrance.

## MERTENSIA • Bluebells

\***Mertensia virginica.** *Virginia Bluebells.* 1 to 2 ft. May and June. Bears drooping clusters of beautiful blue and pink bell-like flowers in early spring. The foliage is large, light green, and disappears in midsummer. Prefers a moist, shady place.

## MISCANTHUS • Eulalia

**Miscanthus sinensis.** *Eulalia.* 4 to 6 ft. A fine ornamental grass with very fine leaves 2 to 3 feet long, making a big fountain-like clump from which its plummy flowers rise on stiff stems several feet above the leaves. Splendid for specimens and bordering paths or drives. \$1.05 for 3, \$3 for 10, \$20 per 100.

**M. sinensis variegatus.** *Striped Eulalia.* 4 to 6 ft. Similar to *M. sinensis* but the leaves are wider and striped lengthwise. \$1.05 for 3, \$3 for 10, \$20 per 100.

**M. sinensis zebrinus.** *Zebra Grass.* 4 to 6 ft. A variety with the leaves crossed with narrow yellowish white bands. Very handsome and effective. \$1.05 for 3, \$3 for 10, \$20 per 100.

## MITCHELLA

\***Mitchella repens.** *Partridge Berry.* 2 to 4 in. A little trailing evergreen which forms firm mats in shady places and covers itself with sparkling crimson berries. It likes a very acid and a moist but well-drained situation.

## MONARDA

Bold, showy, native plants which grow along streams and in fence-corners, and light up the dark corners of woods or thickets. They are much used in landscape work for broad, showy effects, and do well at the back of ordinary borders, in full sun. The flowers have a rich bergamot fragrance.

**Monarda didyma.** *Oswego Beebalm.* 1½ to 2½ ft. June to September. Showy heads of brilliant scarlet flowers in rich profusion. Very effective.

**M. didyma, Cambridge Scarlet.** *Beebalm.* 2 to 3 ft. July to September. Heads of brilliant scarlet flowers. An improved variety.

**M. didyma salmonea.** *Salmon Beebalm.* 18 to 24 in. July to September. A rather uncommon sort with flowers of soft salmon-pink. It likes a moist situation and is a beautiful massing plant. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**M. didyma violacea superba.** *Amaranth Beebalm.* 2 ft. July to September. A distinct sort with bright purple flowers.

**M. fistulosa.** *Wild Bergamot.* 2 to 3 ft. July and August. A pretty plant, producing fine lavender flowers. It will grow well in dry places.

**M. fistulosa alba.** *White Wild Bergamot.* 18 to 24 in. White flowers. Striking in masses along banks or in wild places.

## MYOSOTIS

Finest of all edging plants for borders of spring-flowering bulbs, the Forget-me-nots are equally good for informal rock gardens or stonework of any kind; and the second variety is particularly adapted to the banks of streams or ponds. These are among the prettiest and showiest of flowers without being unduly gaudy, and they are especially fine when planted in combination with pale pink or creamy yellow flowers.

\***Myosotis dissitiflora.** *Swiss Forget-me-not.* 6 to 12 in. May to July. The deep sky-blue flowers are borne in small clusters. A good early-blooming variety for rock garden and edging bulb-beds. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\***M. scorpioides semperflorens.** *Perpetual Forget-me-not.* 8 in. June to September. Bright blue flowers in clusters, each one lit with a bright yellow eye. A very charming edging or rock-garden plant of more spreading habit than the preceding. Also fine for ponds and streams, growing well even in the water. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

## NEPETA

**Nepeta hederacea {glechoma}.** *Ground Ivy.* 4 to 6 in. A low plant with pretty, round foliage and light blue flowers in May and June. As it creeps extensively, it is desirable for covering banks or under trees, spreading rapidly. It is a terrific weed if permitted to get into flower beds, and should be rigorously kept to dry shady corners where nothing else will grow.

\***N. mussini.** An excellent plant for any position, but especially useful in the rock garden. It is compact, forming dense tufts about 12 inches high, with masses of small, light violet-blue flowers during July and August. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**N., Souvenir d'Andre Chaudron.** 20 to 24 in. July to September. Large, light lavender-blue flowers on long, wiry stems. Quite distinct from *N. mussini*, and better adapted for the mixed planting. 60 cts. each, \$5 for 10.



*Nepeta mussini*



*Miscanthus sinensis*. See page 97

### NIEREMBERGIA • Cupflower

\**Nierembergia rivularis*. *Whitecup*. 2 to 3 in. July to September. Beautiful dwarf alpine plant with large, creamy white, cup-shaped flowers. A very adaptable and extraordinarily persistent plant for stream-banks, dry borders, or rock gardens. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

### OENOTHERA

*Oenothera fruticosa major*. *Bush Snowdrops*. 2 ft. June to September. A strong-growing plant, forming a dense bush-like specimen and bearing deep yellow flowers in profusion.

*O. fruticosa youngi*. *Young's Sundrops*. 2 ft. June to August. Strong, stocky, large-leaved plant with firm, shiny foliage and numerous bright lemon-yellow flowers.

\**O. missouriensis*. *Ozark Sundrops*. 10 in. June to August. Low-branched, almost prostrate plants, bearing a profusion of large, bright yellow, solitary flowers often 5 inches across. Good for rock garden or border. \$1.20 for 3, \$3 for 10, \$25 per 100.

\**O. speciosa*. 18 in. July and August. A fine, hardy plant with large, pure white flowers. Spreads rapidly and is attractive in rock garden or naturalistic planting. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**PACHYSANDRA.** See Evergreen Shrubs.

### PAPAVER • Poppy

\**Papaver alpinum*. 6 in. June to September. A pretty little alpine Poppy, with nodding, fragrant yellow flowers. \$1.05 for 3, \$2.70 for 10.

\**P. alpinum album*. A white-flowered form of the above. \$1.05 for 3, \$2.70 for 10.

\**P. alpinum roseum*. The pink-flowered form. \$1.05 for 3, \$2.70 for 10.

\**P. nudicaule*. *Iceland Poppy*. 1 ft. June to September. These produce graceful orange, white, and yellow flowers all summer. Good for massing in border or rock garden.

*P. orientale*. *Oriental Poppy*. 2 to 3 ft. May to July. Glowing scarlet flowers of giant size, with black blotch at base of each petal. A good plant for hardy or shrubbery borders.

### Hybrid Oriental Poppies

The Hybrid Oriental Poppies are unrivaled in their barbaric splendor of color, ranging from silvery white, soft pink, and salmon to dark blood-crimson and black-maroon. They are very hardy and are one of the most permanent features of the garden. As they thrive in any good garden soil, they can be easily transplanted during their dormant season. In the spring we ship pot-grown plants only. Bloom in June and July.

\$1.20 for 3, \$3 for 10, \$24 per 100

**Beauty of Levermere.** 4 ft. Enormous flowers of dark blood-red, sometimes a foot in diameter, with crimped petals and glittering black center.

**Cerise Beauty.** 2½ ft. Brilliant salmon-cerise with a glittering black blotch at the base of each petal.

**Goliath.** 3½ ft. One of the most effective. Strong, erect stems, with enormous scarlet flowers in great abundance.

**Loreley.** 2 ft. Orange-scarlet.

**Mahony.** 2 ft. Immense, mahogany-red flowers with a deep glowing fiery sheen. An old favorite.

**Mrs. Perry.** 3 ft. Beautiful shade of salmon-pink. One of the finest.

**Olympia.** 2 ft. Semi-double flowers, extremely unusual in this family. They are brilliant scarlet overlaid with orange, giving them a blazing, iridescent sheen. Plants bushy and extremely free flowering.

**Orange Queen.** 2 ft. Very large flowers of rich orange. Free flowering and extremely showy.

**Oriental King.** 2 ft. Strong stems of upright habit; large crimson-scarlet flowers.

**Oriflamme.** 2 ft. Immense, handsome flower of brilliant orange-scarlet.

**Perry's White.** 2½ ft. Enormous flowers of pure satiny white with a striking crimson base. Extremely effective in masses.

**Princess Victoria Louise.** 2 ft. Soft salmon-pink flowers, shaded to blush-pink.

**Queen Alexandra.** 2 ft. Beautiful clear rose-pink, with salmon shades.

**Royal Scarlet.** 3 ft. Rich glowing scarlet flowers of medium size, produced in greatest profusion. A strong grower.

### PARADISEA

*Paradisea liliastrium giganteum*. *St. Bruno's Lily*. 1 to 2 ft. Similar to St. Bernard's Lily, *Anthericum liliago*, but has larger flowers and more of them. A charming lily-like flower. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

### PHALARIS

*Phalaris arundinacea variegata*. *Ribbon Grass; Gardener's Garters*. 2 to 3 ft. An old-fashioned ornamental grass for bedding, specimens, or edging streams and ponds. The leaves are striped lengthwise with yellowish white.

### PHYSALIS • Ground Cherry

*Physalis francheti*. *Chinese Lantern Plant*. 1 to 2 ft. July and August. Large heart-shaped leaves, with small whitish flowers, followed in the autumn with large, bright coral-red fruit, enclosed in a brilliant orange-red balloon-shaped bag of papery texture. Fine for decoration in winter.

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100



## PAEONIA • Peony

There is no question that Peonies are one of the most important of the Hardy Perennials. The plants grow easily, are beautiful in foliage all season long, become larger and finer year by year, and are superbly beautiful when in flower, either for garden decoration or cutting. The numbers following the names of the varieties indicate the rating of their merit upon the basis of 10 as perfection. This rating was determined by a symposium among the members of the American Peony Society.

**Albert Crousse.** (Crousse, 1893.) 8.6 Large, ball-like flowers of magnificent form, and soft, creamy salmon-pink. One of the very finest. 75 cts. each, \$6 for 10.

**Augustin d'Hour.** (Calot, 1867.) 7.8 Large, compact bomb-type flower of bright red. \$1 each, \$9 for 10.

**Baroness Schroeder.** (Kelway, 1889.) 9.0 Very large white flowers sometimes tinted pale pink, fragrant and floriferous. \$1.50 each, \$14 for 10.

**Beaute Francaise.** (Guerin, 1850.) 6.5 Pale lilac-rose. Midseason. 75 cts. each, \$6 for 10.

**Comte de Nippon.** Large; white with crimson spots. 75 cts. each, \$6 for 10.

**Couronne d'Or.** (Calot, 1873.) 8.1 Fine, very double flowers of creamy white with a strongly marked band of crimson-flecked petals and bright golden stamens about the center. 75 cts. each, \$6 for 10.

**Dorchester.** (Richardson, 1870.) 7.7 Large, compact flower; pale hydrangea-pink; fragrant. Late. 90 cts. each, \$8 for 10.

**Dr. Bretonneau.** (Guerin, 1850.) 6.9 Large; pale lilac. Midseason. 75 cts. each, \$6 for 10.

**Duchesse de Nemours.** (Calot, 1856.) 8.1 Beautifully cupped, pure white flowers of medium size, with lemon-yellow tints in the depths of its petals and a green base. 90 cts. each, \$8 for 10, \$70 per 100.

**Eduis Superba.** (Lemon, 1824.) 7.6 Splendid, early flowers of rich rose-pink, with a fluffy center of lighter shades; fragrant. 75 cts. each, \$6 for 10.

**Felix Crousse.** (Crousse, 1881.) 8.4 Rich satiny crimson flowers with round, ball-like centers. Stems good; plant very floriferous. One of the very best crimson Peonies. \$1 each, \$9 for 10.

**Festiva Maxima.** (Mieliez, 1851.) 9.3 An old variety which carries a very high rating because of its superb, enormous, pure white flowers with occasional crimson flakes, its tall stems, and abundant blooming habit. Early. 75 cts. each, \$6.50 for 10, \$50 per 100.

**Francois Ortegat.** (Parmentier, 1850.) 6.7 Semidouble; large; purplish crimson with brilliant golden yellow anthers. 75 cts. each, \$5 for 10.

**Golden Harvest.** (Rosenfield, 1900.) 7.3 Medium size; pale lilac-rose; fragrant. Dwarf. Midseason. 75 cts. each, \$6 for 10.

**Humei.** (Anderson, 1810.) 5.7 Large, cherry-pink, tipped silver; fragrant. Very late. 75 cts. each, \$6 for 10.

**Karl Rosenfield.** (Rosenfield, 1908.) 8.8 Double, light crimson flowers of shapely form with distinctly waved and curling petals. Vigorous, floriferous plants with tall, strong stems. The finest red Peony at a moderate price. \$1.50 each, \$14 for 10.

**Kelway's Glorious.** (Kelway, 1909.) 9.8 Immense, pure white flowers with long, deeply fluted petals arranged symmetrically about a lovely, rose-like center. Strong, delicious fragrance. \$9 each, \$85 for 10.

**Lady Leonora Bramwell.** (Kelway, before 1895.) 6. Medium silvery pink. 75 cts. each, \$6 for 10.

**Le Cygne.** (Lemoine, 1907.) 9.9 A gigantic, ball-like bloom of purest cream-white, the broad, waxen petals incurved and overlapping like the feathers on the breast of a swan. The flower is the most nearly perfect of all Peonies and is correspondingly rated. Plant is not tall, rather compact, and blooms abundantly. \$8 each, \$75 for 10.

**L'Indispensable.** 7.3 Large to very large full rose type. Lilac-white, shading to pale violet at the center. \$1 each, \$9 for 10.

**Louis Van Houtte.** (Calot, 1867.) 6.9 Large, dark crimson-purple variety. None better. Late. 90 cts. each, \$8 for 10.

**Marie Jacquin.** (Verdier.) 8.3 A very beautiful cup-shaped Peony of pale pink and lilac which opens pure white, with an elusive opalescence that defies description. The incurved petals cluster about its golden center in the most charming fashion and give warrant for its popular name, "The Water Lily Peony." \$1.25 each, \$11 for 10.

**Mary Brand.** (Brand, 1907.) 8.7 Large, globe-shaped blooms of light, showy crimson, a shade darker than Karl Rosenfield, which it resembles superficially, although it is somewhat larger and has other differences. One of the finest red Peonies in beauty of color, growth, and blooming quality. \$2 each, \$18 for 10.

**Mme. Auguste Dessert.** (Dessert, 1899.) 8.6 Large flower of beautiful rose-pink, with outer petals and center slightly flecked with crimson. A very fine variety for landscape planting. \$2 each, \$18 for 10.

**Mme. de Verneville.** (Crousse, 1885.) 7.9 Very large and fragrant pure white with center tinged carmine. 90 cts. each, \$8 for 10.

**Mons. Jules Elie.** (Crousse, 1888.) 9.2 An extra-fine early variety with a high mounded center clasped by an enveloping circle of wide, undulating guard petals, all shimmering, silvery pink. \$1.25 each, \$11 for 10.

**Officinalis Rosea.** Pink. 75 cts. each, \$7 for 10.

**Officinalis Rubra.** Brilliant, glowing, deep crimson. Early. This is the old-fashioned red Peony. \$1 each, \$9 for 10.

**Phoebe Cary.** (Brand, 1907.) 8.8 An exquisite, globular flower of pale old-rose-pink with a delicate overcast of silvery lavender and lilac. Its broad, imbricated petals give it a strongly individual character and charm. Late blooming. \$5 each, \$48 for 10.

**Rosea Plena Superba.** Delicate pink and salmon. 60 cts. each, \$5 for 10.

**Rubra Superba.** (Richardson, 1877.) 7.2 A beautiful, rich, brilliant, dark crimson. Very late. \$1 each, \$9 for 10.

**Solfatare.** (Calot, 1861.) 7.6 Milk-white, with a sulphur-yellow center. Midseason. 90c. each, \$8 for 10.

**Souvenir de Louis Bigot.** (Dessert, 1913.) 9.1 A beautifully cupped, semi-double variety of soft rose-pink shaded with shell-pink and illumined by numerous yellow stamens. One of the most exquisitely colored Peonies in existence, approaching Walter Faxon in this respect. Dwarf, free-blooming plants with strong stems. Midseason. \$5 each, \$48 for 10.

**Therese.** (Dessert, 1904.) 9.8 Very large flowers with long, crisp petals of translucent old-rose-pink, spreading wide as it opens, disclosing a lovely rose-bud center. Plant bushy, not tall, and very floriferous. This is one of the best-loved Peonies and a prize-winner at all shows. It carries a rating equal to Kelway's Glorious, and surpassed only by Le Cygne. It is impossible to do justice to its superb beauty here; it must be seen in your own garden to understand the enthusiasm with which all lovers of the Peony regard it. \$3 each, \$27 for 10.

### PEONIES, continued

**Tourangelle.** (Dessert, 1910.) 9.4 A delicious variety with pale creamy flowers tinted with apple-blossom-pink and pale champagne, deepening to shell-pink at the center. There is probably no Peony of greater delicacy of color and refinement of shape. \$3 each.

**Walter Faxon.** (Richardson.) 9.3 Glowing pink of extraordinary brilliance, almost salmon-pink at times. Midseason. \$3.50 each, \$33 for 10.

**Double Pink, Double Red, and Double White.** 50 cts. each, \$4 for 10.

### Single Peonies

**Camille.** (Dessert, 1908.) 7.3 A splendid dark rose (nearly red), single Peony which blooms very late in the season. \$1.50 each, \$13.50 for 10.

**Carnot.** (Dessert, 1913.) 7.7 A red, single Peony blooming earlier in the season than Camille. This variety has splendid stiff stems, and also a nice quantity of laterals. \$2 each, \$18 for 10.

**Le Jour.** (Shaylor, 1915.) 8.6 Very large, single white flowers with a glorious golden center. We think it is the loveliest of all the single Peonies, from the first unfolding of its waxen buds to the wide-flung beauty of its broad, undulating petals held firmly through all weathers. A magnificent variety for landscape use because of its strong stems, its floriferousness, and long blooming season. \$2.50 each, \$22.50 for 10.

**Lucienne.** (Dessert, 1908.) 7.7 A dainty pink, single Peony whose laterals open almost as soon as the main bloom, but which, on account of being a little later, show a deeper pink color. This variety is taller than Nellie. \$2 each, \$18 for 10.

**Madeleine Gauthier.** (Dessert, 1908.) 8.5 Exquisitely tinted silvery pink; single flowers of great size and charm. \$2.50 each, \$22.50 for 10.

**Marguerite Dessert.** (Dessert, 1913.) 8.5 Large, single bloom; pure white dotted carmine, with a crown of golden stamens. Very good. \$4 each, \$35 for 10.

**Mikado.** (Japan, 1893.) 8.6 A gorgeous Japanese variety brought to the Chicago World's Fair in the Japanese exhibit in 1893. It has a flaring crimson cup surrounding a bronzy yellow tuft of staminodes compactly curled in the center. Extremely showy and brilliant in the landscape, and desirable for its vigorous growth, stiff stems, and great floriferousness. \$2.50 each, \$22.50 for 10.

**Minerve.** (Dessert, 1908.) 7.3 A pink, single Peony which is somewhat darker than the excellent variety Nellie, and the same height as that variety. \$1.50 each, \$13.50 for 10.

**Mistral.** (Dessert, 1905.) 7.3 This is a *deep rose*, single Peony, so deep, in fact, that the color approaches red or carmine. It has strong stems and good bloom on its laterals. \$1.50 each, \$13.50 for 10.

**Nellie.** (Kelway.) 8.6 Clear shell-pink, single flowers with a brilliant yellow center. A very beautifully shaped flower. \$1.50 each, \$13.50 for 10.

**Orhelo.** (Dessert, 1908.) A deep rose, single Peony with a slightly brighter color-tone than Camille. It has good stems and good laterals. \$1.50 each, \$13.50 for 10.

**Princess Mathilde.** (Dessert, 1908.) 7.2 2½ ft. Large, single blossom, of white shaded lavender-pink. \$2.50 each, \$22.50 for 10.

**The Moor.** (Barr.) 7.8 Single, dark silky garnet flowers with a large showy mass of golden stamens. A fine dark single. \$1.50 each, \$13.50 for 10.

**Vesuve.** (Dessert, 1905.) 7.6 Very closely resembles Carnot. Intensely dark red, which contrasts well with golden stamens. \$2 each, \$18 for 10.

### PENTSTEMON

Attractive, showy plants for the hardy border allowing great range for choice in color and habit. The species are among the most permanent and hardy plants. They like full sunshine, but the ground must not be too dry, or they are likely to disappear within a season or two.

**\*Pentstemon acuminatus.** *Stiff Pentstemon.* 15 to 18 in. July and August. An attractive and very satisfactory plant with stiff spikes of large lilac flowers changing to purple.

**\*P. arizonicus.** 6 to 8 in. July. A low, somewhat sprawling variety with erect stems bearing slender tubular flowers of purplish blue. \$1.20 for 3, \$3.50 for 10, \$27 per 100.

**P. barbatus, Coral Gem.** 2½ ft. July and August. Dense, showy spikes of brilliant coral-red flowers. \$1.05 for 3, \$3.50 for 10, \$25 per 100.

**P. barbatus, Pink Beauty.** (Formerly Huntington's Shell-Pink.) 2 ft. July and August. Clear, bright shell-pink flowers on good spikes, not stringy like *P. torreyi*. Perfectly hardy and makes a beautiful cut-flower and garden decoration. Very effective with gypsophila. \$1.20 for 3, \$3.50 for 10, \$27 per 100.

**P. diffusus.** *Busby Pentstemon.* 1 to 2 ft. June and July. Showy spikes of light purple flowers.

**P. heterophyllus.** *Violet Pentstemon.* 2 ft. June and July. Flowers of a lovely azure-blue.

**P. laevigatus digitalis.** *Foxglove Pentstemon.* 3 ft. June and July. Large spikes of long, pure white flowers, with purple-spotted throats. Excellent for planting in shrubby border.

**\*P. pygmaeus.** 6 in. July. A very dwarf form of *P. alpinus*, with large, pale blue flowers of an exquisite tint. A most charming rock plant for a dry, sunny situation. \$1.20 for 3, \$3.50 for 10.

**P. torreyi.** *Torrey's Pentstemon.* 2½ to 3½ ft. July. One of the best varieties. Tall, loose spikes of scarlet flowers. Will bloom constantly if flowers are cut.



*Pentstemon laevigatus digitalis*





A hint of the midsummer glory of *Phlox paniculata*. See page 102.

## PHLOX

About the most satisfactory of all perennials is the Phlox. It deserves a good place in the hardy garden or border. The best effects are obtained by planting masses of each color, not less than six, and even as many as two dozen or more of one kind together. They begin blooming in midsummer and continue until frost. In making selections keep in mind that while descriptions are often similar, the varieties have distinct characteristics and usually bloom at different periods. Our collection includes the finest sorts to be found in this country.

The Phlox family is very large and varies widely in habit and time of blooming. While the *Paniculata* varieties are fine, showy border or massing plants, there are dwarf, early-flowering types which are splendid ground-covers, edging plants, and rock plants.

**\*Phlox amoena. Pretty Phlox.** 4 to 5 in. April and May. Slender, erect plants, with clusters of bright pink flowers. A charming variety.

**\*P. divaricata. Wild Blue Phlox.** 1 ft. May and June. The flat heads of large, fragrant, lilac-blue flowers are borne on slender, erect stems. One of the most delightful flowers of spring. Beautiful with pale yellow tulips. \$1.20 for 3, \$3 for 10, \$20 per 100.

**\*P. divaricata alba.** White form of Wild Blue Phlox.

**\*P. divaricata laphami.** 1 ft. May and June. A new variety of *P. divaricata*, with darker blue flowers in wide-spreading heads. A splendid variation, blooming over a much longer period. \$1.20 for 3, \$3 for 10.

**P. glaberrima suffruticosa, Indian Chief.** 18 to 24 in. June. Clear purple-red flowers in large clusters, borne on erect stems.

**P. glaberrima suffruticosa, Miss Lingard.** 2 to 3 ft. June and July. A fine white variety with very faint lilac eye and large individual florets.

**\*P. ovata. Mountain Phlox.** 12 to 18 in. Erect stem with small clusters of light red flowers about an inch across. A good rock plant.

**P. paniculata. Garden Phlox.** See page 102.

**\*P. stolonifera {reptans}. Creeping Phlox.** 6 in. A low, prostrate plant with tufts of light foliage, throwing up slender stems crowned with small clusters of purple and violet flowers. A rock plant. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

### Subulata or Creeping Phlox

A group of carpeting Phloxes with mosslike foliage completely buried in a mass of striking early spring flowers. Spreads rapidly into large patches.

**\*Phlox subulata. Moss Pink.** 4 in. May and June. Forms a carpet of moss-like foliage, covered with pink flowers. A superb ground-cover and rockery plant. 75 cts. for 3, \$2.20 for 10, \$18 per 100.

NOTE.—We have two varieties of *P. subulata*, one light pink, and the other deep pink. Specify which you prefer.

**\*P. subulata alba. White Moss Pink.** 4 in. A form of *P. subulata*, equally valuable in all respects, with charming white flowers. 75 cts. for 3, \$2.20 for 10, \$18 per 100.

**\*P. subulata, G. F. Wilson. Blue Moss Pink.** 6 in. Lilac-blue flowers with a lighter center. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**\*P. subulata lilacina.** 6 to 8 in. Soft light lilac flowers and rapid growth. A charming companion for early, pale yellow flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**\*P. subulata Nelsoni.** 3 in. White flowers occasionally very faintly tinged at the eye. Growth is compact and moss-like. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**\*P. subulata, The Bride.** 5 in. White, with red center.

**\*P. subulata, Vivid.** 3 in. Clearest bright pink. Makes a very bright and pretty showing free from the magenta tones which many object to. A compact grower; very fine. \$1.50 for 3, \$4 for 10, \$36 per 100.



Phlox subulata. See page 101

### Paniculata or Garden Phlox

This is the group of very showy, midsummer-blooming Phlox whose bewildering variety of color is so extremely interesting and beautiful. They are of easiest culture, but care should be taken not to let them seed as the seedlings are inferior and tend to crowd out the original plants, thus giving rise to the notion that they run out or change color.

We are continually adding new varieties to our collection and will have a number of new things in bloom in our fields this summer. We shall be delighted to show them to interested visitors.

All varieties of Phlox paniculata, except as noted, 90 cts. for 3 of a kind, \$2.40 for 10, \$18 per 100

**Albion.** Medium height; white flowers with pale pink edge. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**Annie Cook.** Flesh-pink.

**Atlas.** Salmon-pink. A very tall grower.

**B. Comte.** Very dark, velvety red. The most effective dark variety. Very late.

**Baron von Dedem.** Salmon-red; very effective.

**Beacon.** Brilliant cherry-red.

**Blue Hill.** This Phlox is the nearest to a blue of any we have seen. \$1.05 for 3, \$3 for 10, \$24 per 100.

**Boule de Feu.** Cherry-red. Late.

**Bridesmaid.** White, light pink center.

**Commander-in-Chief.** Beautiful crimson-red with darker eye; color does not bleach or fade. \$1.05 for 3, \$3 for 10, \$24 per 100.

**Coquelicot.** Orange-scarlet. One of the most showy. \$1.05 for 3, \$3 for 10, \$24 per 100.

**Count Zeppelin.** Very large, clean, white flowers with sharply contrasting scarlet eyes. Brightest and best Europa type. \$1.50 for 3, \$4 for 10, \$24 per 100.

**Debs.** The finest red Phlox there is. Color is bright fiery crimson. There is no other Phlox that resembles Debs. \$1.20 for 3, \$3.50 for 10, \$30 per 100.

**Eclairer.** Large carmine flower with lighter center.

**Elizabeth Campbell.** Bright salmon-pink, dark red eye. One of the really famous varieties. \$1.05 for 3, \$3 for 10, \$24 per 100.

**Enchantress.** Very bright salmon-pink. Large trusses. Similar to Elizabeth Campbell, but brighter and stronger. \$1.05 for 3, \$3 for 10, \$24 per 100.

**Ethel Pritchard.** Handsome, stately heads of soft mauve and lilac. \$1.05 for 3, \$3 for 10, \$24 per 100.

**Etta's Choice.** A late, very tall, free-flowering white.

**Europa.** Flowers large, white with a crimson eye.

### GARDEN PHLOX, continued

**Firebrand.** Bright red with deeper center. \$1.05 for 3, \$3 for 10, \$24 per 100.

**Frau Anton Buchner.** Very large, pure white flowers.

**Frau G. von Lassburg.** Pure white flowers in enormous panicles. Late.

**General van Heutz.** Orange-scarlet with white eye.

**Goliath.** An excellent red sort with darker eye.

**Hans Volmuller.** Large, white flowers marbled with pale violet and suffused with mauve. A very delicate color. \$1.50 for 3, \$4 for 10.

**Independence.** See Mrs. Jenkins.

**Iris.** 4 ft. Light purple-blue.

**Jeanne d'Arc.** Tall; pure white; late flowering.

**Johnson's Favorite.** Light salmon-pink with a dark red eye, resembling Elizabeth Campbell, but a strong grower. \$1.05 for 3, \$3 for 10, \$24 per 100.

**Jules Sandeau.** A large, fine, very free-flowering, pure pink variety that grows about 15 inches high. \$1.05 for 3, \$3 for 10, \$24 per 100.

**Juliet.** Light pink, dark red eye.

**Julius Heurlin.** Light salmon-pink.

**L'Esperance.** Light lavender-pink, large white center.

**L'Evenement.** Delicate pink, tinted salmon; dwarf.

**Le Mahdi.** Large heads of deep velvety purple blooms.

**Maid Marian.** Soft lavender, very even in color. \$1.05 for 3, \$3 for 10, \$24 per 100.

**Mia Ruys.** 1 ft. A good improvement over Tapis Blanc. Pure white blooms in big trusses. \$1.20 for 3, \$3.50 for 10, \$30 per 100.

**Michael Buchner.** Dark purple.

**Mme. Paul Dutrie.** Soft pink, suffused with white.

**Mme. Prosper Laugier.** Bright red, vermilion eye.

**Mrs. Jenkins (Independence).** Pure white; very large truss.

**Mrs. Milly van Hoboken.** Bright pink with soft mauve suffusion. Unquestionably one of the finest varieties. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**Mrs. P. Pfitzer.** A splendid, newly imported variety of a very clear shade of light mauve-pink. It is of dwarf, sturdy habit. \$1.50 for 3, \$4 for 10.

**Mrs. Rutgers.** Enormous, broad trusses of extra-large flowers tinted with light rosy lilac. \$1.20 for 3, \$3.50 for 10.

**Mrs. Scholten.** Rich, dark salmon-rose of impressive size and finish. Very handsome. \$1.50 for 3, \$4 for 10.

**Pantheon.** Brilliant rose with lighter center.

**Peachblow.** Delicate pink, rose center; beautiful trusses. Rather dwarf.

**Pecheur d'Island.** A splendid tall variety with bright purple blooms.

**Professor Virchow.** Brilliant carmine, overlaid with orange-scarlet.

**Rheinlander.** Immense blossoms of salmon-pink, with claret eye. \$1.05 for 3, \$3 for 10, \$24 per 100.

**Richard Wallace.** Pure white, violet-rose center.

**Rijnstroom.** Bright carmine-rose.

**R. P. Struthers.** Bright pinkish salmon; crimson eye.

**Special French.** Mammoth trusses of fine, even form. Florets very large, soft rose-pink with bright eye. Somewhat like Mrs. Milly van Hoboken, but not quite so tall.

**Tapis Blanc.** A beautiful pure white variety with large flowers. A very dwarf grower. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**Thor.** Lively shade of deep salmon-pink, suffused and overlaid with a scarlet glow; aniline-red eye.

**Victor.** Large, bright salmon-pink bloom. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**W. C. Egan.** Very large flowers of delicate lilac, with large, bright solferino eye. The color effect as a whole is a pleasing shade of soft pink.

**Widar.** Light reddish violet with large white center.



**PHYSOSTEGIA • False Dragonhead**

These native plants revel in damp lowlands along streams or in cool fence-corners. They are splendid for naturalizing, and make good border plants, quickly forming broad, permanent clumps. In borders where rare things are growing that are likely to be crowded out by them, it is wise to dig them up every spring and reset them. There will always be plenty of roots left over to use in some other part of the garden.

*Physostegia virginiana alba*. *White False Dragonhead*. 2 to 3 ft. July to September. Erect plants with small slender spikes of beautiful white flowers of curious form.

*P. virginiana rubra*. *Red False Dragonhead*. 3 ft. A similar variety with dark pink or rosy red flowers.

*P. virginiana speciosa*. *Tall Cluster False Dragonhead*. 3 ft. August. A tall and very useful form, with showy dark pink flowers.

*P. virginiana grandiflora*, *Vivid*. September and October. A wonderful little plant, growing about 15 inches high, with unusually large flowers of glowing mauve-pink.

**PLATYCODON • Balloon Flower**

As soon as the bells of *Campanula medium* have faded, the Platycodons open their handsome, saucer-like flowers and take up the burden of carrying on the beauty of the Bellflower race. Their stems are wiry and very slender and the plants take a season or two to become thoroughly established, so they should not be disturbed when they are growing well. Use them in masses or borders in the same manner as Canterbury Bells.

*Platycodon grandiflorum*. *Balloon Flower*. 18 in. June to October. Large, showy, deep blue flowers.

*P. grandiflorum album*. *White Balloon Flower*. White-flowered form of the above.

*P. grandiflorum mariesi*. *Maries' Balloon Flower*. 12 to 15 in. July until late September. A beautiful dwarf species with broad, thick foliage and large, deep violet-blue flowers.

**PLUMBAGO**. See *Ceratostigma*.

**PODOPHYLLUM**

*Podophyllum peltatum*. *Common May-apple*. 1 ft. Early June. An erect herb with creeping rootstalks and fibrous roots. The large leaves are usually borne in pairs and look like an umbrella, bearing an exquisite white flower at the point where their stems divide.

**POLYGONATUM**

*Polygonatum commutatum {giganteum}*. *Great Solomon's Seal*. 2 to 3 ft. June and July. Long, arching stems, with pairs of lily-like leaves from the joints of which the tiny whitish flowers hang down like little bells. Fine for growing in shade.

**POLYGONUM • Fleece Flower**

*Polygonum affine*. *Himalayan Fleece Flower*. 12 to 18 in. August and September. An excellent little plant for cool places, with bright rosy red flowers in dense spikes at the tips of the stems.

*P. cuspidatum {sieboldi}*. *Japanese Fleece Flower*. 4 to 8 ft. August and September. A very effective plant for mass effects, with tall, gracefully arching stems covered with a cloud of small whitish flowers in great drooping sprays. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*P. filiforme variegatum*. *Marbled Jumpseed*. 5 to 6 ft. A long-lasting plant with leaves marbled yellow and pale green; slender spikes of whitish flowers.

**POLEMONIUM**

\**Polemonium caeruleum*. *Greek Valerian*. 18 to 24 in. June to September. Long, fern-like foliage, with the shoots surmounted by terminal clusters of bell-like blue flowers.

\**P. caeruleum album*. *White Greek Valerian*. A handsome pure white-flowered form of the above.

\**P. reptans*. *Jacob's Ladder*. 8 to 10 in. April to June. Dwarf, bushy plant of graceful growth, with showy blue, bell-like flowers. Fine rock-garden and border plant. Not a creeping plant as its specific name would indicate.

*P. richardsoni*. *Dwarf Polemonium*. 15 to 18 in. June to August. Very bushy plant with persistent foliage, handsome all season long, and fine curved clusters of ruffled, blue, bell-like flowers.

**POTENTILLA • Cinquefoil**

Few flowers are more persistent and easily grown than these graceful little relatives of the roses. The leaves and flowers resemble those of the strawberry, and they are particularly pretty and attractive in the rockery during July, when their bloom is most profuse.

\**Potentilla atrosanguinea*. *Himalayan Cinquefoil*. 18 in. June to August. A bushy, leafy plant with rich crimson, single flowers.

\**P. fragiliformis*. 6 to 9 in. June. A choice little plant with leaves like a strawberry and large yellow flowers. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

\**P. grandiflora*. *Alpine Cinquefoil*. 10 to 20 in. June and July. These good border plants have an abundance of bright yellow flowers and are also very desirable for the rock garden.

\**P. hippiana*. 6 in. July and August. Silvery foliage and rather small yellow flowers. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

\**P. hirta*. 1 ft. July and August. A scarce, but easily grown variety for naturalizing on dry banks or stony places. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

\**P. hybrida*, *Miss Willmott*. 9 in. June and July. A prostrate plant with masses of foliage and an abundance of bright cerise flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*P. nepalensis {formosa}*. *Nepal Cinquefoil*. 1 to 2 ft. July and August. Bushy plant of neat habit, with purple-red flowers. The stems grow long and zigzag during midsummer.

\**P. purpurea flore-pleno*. 18 in. July and August. A handsome little plant bearing pretty, double, rich purple flowers in great profusion.

\**P. pyrenaica*. *Pyrenees Cinquefoil*. 10 to 15 in. July and August. This very useful little rock plant is closely related to and resembles the Alpine Cinquefoil, with fine yellow flowers an inch or more broad.

\**P. tridentata*. *Wineleaf Cinquefoil*. 6 to 12 in. June to August. A splendid plant for dry banks and rockeries, with small clusters of white flowers.

**PRIMULA • Primrose**

Primroses, Cowslips, and Oxlips are among the plants of song and story. They are none too common in American gardens, chiefly because they do not like hot, dry situations and need the moist, deep ground along a stream-bank or the deep shade of deciduous trees or shrubs. Given the locations they like, and a few leaves scattered over them in autumn, even the fine hybrid strains thrive in a wonderful fashion. Mixed with forget-me-nots, they make a very attractive carpet under the

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100



*Primula japonica*

### PRIMULA, continued

edge of shrubs or along a shady border, but they should always be massed in quantity and fairly close together. Besides the common and fancy varieties of Primroses, we have a few of the more unusual species and varieties of this almost endless family. To grow all the Primroses would be a fascinating and absorbing pastime, but there is scarcely land enough in New England to do it.

**\**Primula acaulis* {vulgaris}. English Primrose.** 6 to 8 in. May and June. The true English Primrose is a delightful, much-prized plant, forming tufted rosettes of leaves among which the charming light yellow flowers nestle on the tip of slender stems. A beautiful little rock-garden plant or edging for an informal path, and makes a delightful combination with myosotis. \$1.05 for 3, \$2.70 for 10.

**\**P. acaulis* {vulgaris}, Red-flowering.** A specially selected red-flowering form. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

**\**P. auricula alpina*. Alpine Auricula.** 6 to 8 in. May and June. Attractive rosettes of thick leaves often covered with a mealy down. The flowers are large and round, borne in a cluster on the top of short, erect stems, and come in many shades. They are very fragrant. A very charming plant for the rock garden.

**\**P. bulleyana*.** 1½ to 2½ ft. Late spring and summer. Long, thin leaves, widest at the ends, with a tall stem bearing several clusters of orange-yellow flowers above each other. A good plant for a half-shady border or among large rocks in the rock garden. \$1.05 for 3, \$2.70 for 10.

**\**P. denticulata cachemiriana*. Kashmir Primrose.** 6 to 8 in. June. Clusters of leaves which are heavily dusted with meal on the under side. The flowers are large, purple-blue with a golden eye, clustered on an erect stem. Rare and handsome. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

**\**Primula elatior alba*. Oxlip.** 8 to 12 in. May and June. Taller and stronger than the Primroses and Cowslips, with big clusters of erect white flowers. A fine plant of many old associations. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\**P. frondosa*.** 12 to 18 in. Foliage mealy. Rosy flowers during spring and early summer, and again in the fall. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

**\**P. japonica*. Japanese Primrose.** 1 to 2 ft. June and July. Early to midsummer. Strong, handsome plants for rich soil in shady places, producing fine clusters of flowers of light pink and cream shades on the top of slender but strong, erect stems. A highly desirable plant. \$1.05 for 3, \$3 for 10, \$24 per 100.

**\**P. polyantha*, Munstead Strain.** 6 to 12 in. May and June. A splendid strain of the popular Polyanthus, comprising flowers of many charming shades of yellow from cream to dark orange. This strain was perfected by Miss Jekyll in England.

**\**P. polyantha*, Sutton's Giant White.** One of the best strains. Large flowers of pure color. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\**P. polyantha*, Sutton's Giant Yellow.** A similar clear yellow type. Very fine. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\**P. pulverulenta*. Silverdust Primrose.** 1½ to 3 ft. June and July. A fine plant for massing in deep, rich soil, and is particularly fine along banks of streams. Much like *P. japonica* but taller, with a silvery stem and darker, almost violet, flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\**P. veris hybrida* {officinalis}. Drooping Cowslip.** 6 in. April and May. The clustered, drooping flowers range in color from crimson to deep yellow and pure white.

***P. vulgaris*.** See *P. acaulis*.

### PYRETHRUM

See *Chrysanthemum coccineum*



*Primula polyantha*

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100



**PRUNELLA • Self-Heal**

\**Prunella grandiflora*. *Great Self-Heal*. 9 to 10 in. June and July. A pretty little border or rock plant with large heads of dark violet-blue flowers of curious shape.

\**P. webbiana*. *Webb's Self-Heal*. 1 ft. July. Round heads of rosy pink flowers throughout the summer.

**PULMONARIA • Lungwort**

\**Pulmonaria saccharata*. *Bethlehem Lungwort*. 9 to 15 in. May and June. Mertensia-like flowers and pretty spotted foliage that lasts all summer. A shade-loving plant. \$1.20 for 3, \$3.50 for 10, \$27 per 100.

**RANUNCULUS • Buttercup**

*Ranunculus acris flore-pleno*. *Tall Double Buttercup*. 2 ft. May to September. Flowers deep glossy golden yellow and very double. Leaves coarsely toothed or cut. This is one of the many plants referred to as Bachelor's Buttons.

*R. repens*. *Creeping Buttercup*. 8 in. May to July. A trailing variety of the above, with branches often 2 feet long. A fine ground-cover for difficult places but keep it out of the rock garden.

**RUTA**

\**Ruta graveolens*. *Common Rue*. 12 to 18 in. July. Panicles of small, fragrant flowers and divided leaves. An old-time medicinal herb of value for association's sake. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

**RUDBECKIA • Coneflower**

These very showy plants are found in most gardens in one or more of their many forms. They are easy to grow, very persistent, and the single-flowered varieties fit splendidly into any naturalistic planting. *Rudbeckia triloba* is especially fine in late autumn at the edge of shrubberies and mixed with the late blue aconitums, while *R. speciosa* and the lighter yellow varieties are excellent with the stronger-growing delphiniums. They are really good only in masses, except such as Golden Glow, which is best grouped in clumps of four or five together for some emphatic point in the garden.

*Rudbeckia fulgida*. *Orange Coneflower*. 2 ft. August and September. This plant bears numerous heads of bright orange-yellow flowers, with deep purple disk. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*R. laciniata*, *Golden Glow*. 5 to 6 ft. July to September. A very popular hardy perennial, with masses of double bright golden yellow flowers. Fine for screening and planting near stone walls. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*R. purpurea*. See *Echinacea purpurea*.

*R. speciosa {newmanni}*. *Showy Coneflower*. 2 ft. July to October. Large yellow or orange-yellow flowers 3 to 4 inches across. Fine for cutting.

*R. subtomentosa*. *Sweet Coneflower*. 2½ to 3 ft. August and September. Brilliant lemon-yellow flowers with dark purple centers.

*R. triloba*. *Brown-eyed Susan*. 3 to 5 ft. July and August. Dense, bushy plant with numerous-rayed, deep yellow flowers which form brilliant masses of color.

**SANGUINARIA**

\**Sanguinaria canadensis*. *Bloodroot*. 6 to 10 in. April and May. Delicate, starry, pure white flowers on soft, red, juicy stems, followed by tall, broad, gray leaves. One of the most beautiful native wild flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.



*Saxifraga macnabiana*. See page 106

**SALVIA**

*Salvia azurea grandiflora*. *Great Azure Sage*. 3 to 4 ft. August and September. Plants of shrubby habit, with beautiful light blue flowers in long, slender spikes.

*S. azurea pitcheri*. 3 to 4 ft. September and October. More branching habit than above, with large flowers of rich gentian-blue. This is a very handsome and showy variety which we highly recommend. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

\**S. argentea*. *Silver Sage*. 2 to 3 ft. June. Large silvery foliage and white flowers.

*S. officinalis*. *Garden Sage*. 1 to 2 ft. June and July. Aromatic whitish, somewhat downy leaves, used for herbs and flavoring. Flowers come in whorls, varying in size and color from blue to white.

\**S. pratensis*. *Meadow Sage*. 18 to 24 in. June to September. Useful plant for borders, with violet-blue flowers in showy spikes.

\**S. sclarea*. 2 to 3 ft. July to September. A fine graceful plant with slender spikes of clear pink or lavender-pink. Pretty with Madonna lilies and in the rock garden. \$1.50 for 3, \$4 for 10.

**SANTOLINA**

\**Santolina chamaecyparissus*. *Lavender Cotton*. 1 ft. July. Evergreen perennial, with attractive silver-white foliage and yellow flowers. It is useful as a rock or border plant and largely used for massed bedding.

**SAPONARIA**

\**Saponaria ocymoides*. *Rock Soapwort*. 6 in. May to August. A half-trailing plant, useful for rockwork, with bright pink flowers in loose, broad cymes. Very showy and effective clambering over stones. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

\**S. officinalis flore-pleno*. *Double Bouncing Bet*. 12 to 18 in. July and August. Pretty variety, with broad heads of double pink flowers. Fine for wild-garden. Spreads very rapidly and is most persistent, thriving in very inhospitable soils.



*Saxifraga virginensis*

## SAXIFRAGA

A very interesting group of dwarf plants, chiefly valuable for rockeries or low borders. There are innumerable species and varieties, and we have assembled here what we consider the best of the various types. They are all charming and easily grown, provided they are not exposed to scorching summer heat. For that reason they are best planted in the shade of late-starting deciduous shrubs. Their greatest beauty is in the even, showy sheets of bloom they make when well grown in masses, and for that reason they should be planted liberally and fairly close together.

\**Saxifraga aizoon*. 4 to 6 in. July. Neat little tufted plants with rosettes of silvery-edged leaves. The flowers are white, sometimes faintly tinged pink, in graceful sprays. \$1.20 for 3, \$3.50 for 10, \$30 per 100.

\**S. aizoon rosea*. A pink form of the above. \$1.50 for 3, \$4 for 10, \$35 per 100.

\**S. bathoniensis alba*. 6 in. July and August. A mossy variety of great charm; flowers white and very freely produced. \$1.05 for 3, \$3 for 10, \$24 per 100.

\**S. caespitosa*. 6 in. July and August. The true variety is very rare, the name being applied usually to hybrids. The plant is tufted, mossy, and bears three or four white flowers on each of its short purplish stems. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

\**S. cochlearis*. 4 in. July. Massed silvery rosettes with thick recurved leaves and large showy white flowers on red stems. A very beautiful rockery plant. It likes lime. \$1.05 for 3, \$3 for 10, \$24 per 100.

\**S. cordifolia*. *Heartleaf Saxifrage*. 15 in. May and June. A strong-growing species with large, waxy foliage and clusters of bright rose-colored flowers on the tips of tall stems very early in the spring. Fine among large rocks or ledges. \$1.05 for 3, \$3 for 10, \$20 per 100.

\**S. crassifolia*. *Leather Saxifrage*. 12 to 15 in. May and June. This showy, spreading plant has drooping

masses of pink flowers high above the large, clustered leaves. A fine rock plant. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

\**Saxifraga decipiens*. *Crimson Moss*. 4 in. May and June. A mossy plant somewhat like *S. caespitosa* with tiny white flowers. The foliage turns bright crimson in winter. A very highly prized variety for the rock garden. \$1.05 for 3, \$3 for 10, \$24 per 100.

\**S. lingulata*. 1 ft. June and July. The long, narrow, tufted leaves are fleshy and beaded with crystals of lime. The flower-spike is covered with smaller leaves and bears a branched head of tiny white flowers. One of the finest and showiest of the family. It likes limestone soil and good, sharp drainage. \$1.05 for 3, \$3 for 10.

*S. macnabiana*. 1 ft. May and June. Numerous clusters of white flowers heavily speckled with large pink-purple dots. \$1.05 for 3, \$2.50 for 10, \$20 per 100.

\**S. virginensis*. *Virginia Saxifrage*. 3 to 12 in. April to June. A dainty little native varying greatly in height according to soil and moisture. It will grow on almost bare rock, producing a tiny, russet-tinted rosette of roundish leaves and a slender stem with a cluster of little white flowers. Likes a somewhat shady place. \$1.05 for 3, \$3 for 10.

## SCABIOSA

These are handsome, bushy plants suited to any good border, thriving in sunny locations and producing great quantities of beautiful flowers on fine cutting stems. They should be grown in quantity for their excellent decorative effect.

*Scabiosa caucasica*. *Caucasian Scabiosa*. 18 to 24 in. June to September. Vigorous, handsome border plant with large, soft lilac-blue flowers on long stems, useful for cutting. \$1.05 for 3, \$2.70 for 10, \$21 per 100.

*S. caucasica alba*. *White Caucasian Scabiosa*. A charming variety of the preceding with white flowers. \$1.20 for 3, \$3.50 for 10, \$30 per 100.

*S. japonica*. *Japanese Scabiosa*. 2 ft. July to September. This Japanese variety has beautiful blue flowers in great abundance.

*S. pennsylvanica*. See *Cephalaria tatarica*.

*S. sylvatica*. 18 in. July to September. Flowers purple-pink and very pretty. \$1.05 for 3, \$3 for 10.

## SEDUM • Stonecrop

Of easiest possible culture, the Sedums will thrive for almost everyone, and apparently in some of the most inhospitable places. They will not endure dampness, however, and should always be planted so that their roots are high and dry. Ideal for rockeries, cracks between stones, covering bare sandy patches of sterile ground, and for innumerable places where hard-luck plants are needed.

\**Sedum acre*. *Gold Moss*. 2 to 4 in. May and June. A little, low, tufted plant with pulpy light green leaves and with masses of yellow flowers. Good for edging and covering ledges. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**S. album*. *White Stonecrop*. 4 to 6 in. July and August. Very pretty creeping variety, with small foliage and tiny white flowers on pinkish stems. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**S. anglicum*. 3 in. July. Rose and white flowers. A rare variety of excellent, neat habit for small crevices in the rockery.

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\**Sedum dasyphyllum*. *Leafy Stonecrop*. 2 in. July and August. Tufted, branching plant with crowded, fleshy leaves, studded with crystals. Flowers pinkish in flat clusters. \$1.05 for 3, \$3 for 10, \$25 per 100.

\**S. ewersi*. *Ewer's Stonecrop*. 6 to 8 in. September and October. Little clumps, with broad, glaucous leaves and purplish pink flowers.

\**S. ewersi turkestanicum*. *Violet Stonecrop*. 8 in. A dark violet-flowered form of the foregoing. Attractive and hardy. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

\**S. kamschaticum*. *Orange Stonecrop*. 6 to 9 in. July and August. Pulpy, bright evergreen foliage, with golden flowers in flat clusters.

\**S. lydium*. *Lydian Stonecrop*. 2 in. July and August. Forms a dense carpet of bright green, turning red in dry, sunny locations. Pure white flowers on short stems. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**S. maximowiczii*. *Amur Stonecrop*. 1 ft. June and July. A good border and rock plant, with heads of orange-yellow flowers; green foliage.

\**S. maximum*. *Great Stonecrop*. 1 to 2 ft. September and October. A vigorous, bushy border plant with pinkish or whitish flowers.

\**S. maximum haematodes (atropurpureum)*. 1 to 2 ft. September and October. Metallic brown foliage and red flowers. Very effective for borders.

\**S. oppositifolium*. *Two-row Sedum*. 6 in. August. Compact, green foliage and white flowers in clusters. \$1.05 for 3, \$3 for 10.

\**S. pruinatum forsterianum*. 6 in. June and July. Small, trailing plant, with round bunches of tiny golden yellow flowers and bluish green leaves.

\**S. reflexum*. *Jenny Stonecrop*. 8 in. July and August. Trailing habit with erect flower-stems and clusters of yellow flowers. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

\**S. rupestre*. 6 in. or more. July. Closely allied to *S. reflexum* in habit and appearance. Dense heads of yellow flowers.

\**S. sarmentosum*. *Stringy Stonecrop*. 4 to 6 in. June and July. A slender, creeping plant with whorled, thread-like leaves and flat heads of small, fleshy, yellow flowers.

\**S. sexangulare*. *Hexagon Stonecrop*. 2 to 3 in. June and July. Very slender-stemmed massing plant, similar to *S. acre*, but with brown foliage.



*Sedum stoloniferum*

\**Sedum sieboldii*. *Siebold's Stonecrop*. 6 in. August and September. This variety has broad, bluish gray foliage, margined with pink, and rose-pink flowers. Quite showy. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

\**S. spectabile*. *Showy Stonecrop*. 18 in. September and October. An erect-growing plant with broad green foliage and large heads of handsome rose-colored flowers. One of the best plants for rock garden or border of shrubbery bed. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**S. spectabile*, *Brilliant*. 1 ft. September and October. A more richly colored form of the above, being a bright amaranth-red. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

\**S. stoloniferum*. *Running Stonecrop*. 4 in. July and August. A trailing plant, and one of the most desirable Sedums. It has flat, fleshy leaves and pink flowers.

\**S. ternatum*. *Mountain Stonecrop*. 3 to 6 in. May and June. A small-leaved, very spreading plant with triangular clusters or sprays of starry white flowers. A very charming sort. 90 cts. for 3, \$2.40 for 10.

## SIDALCEA • Prairie Mallow

*Sidalcea candida*. *White Prairie Mallow*. 2 to 3 ft. June. A fine border plant, with large, pyramidal heads of pure white flowers about an inch long. Thrives best in moist, loamy soil. 90 cts. for 3, \$2.40 for 10.

*S.*, *Rosy Gem*. 2 to 3 ft. July to September. One of the finest of the new hybrid sorts. Its graceful spikes of rose-pink flowers resemble the larkspur. 90 cts. for 3, \$2.40 for 10, \$20 per 100.

## SILENE • Catchfly

A very pretty family of plants related to the pinks. They make showy little edgings and have very attractive flowers and foliage. Most of them are deep-rooting and will endure rock-garden conditions. The native *S. pennsylvanica* is perfectly at home on dry, sterile banks.

\**Silene alpestris*. 4 to 6 in. June. A showy variety with bright green glossy foliage and pure white flowers. \$1.05 for 3, \$3 for 10, \$24 per 100.

\**S. schafta*. *Schafta Catchfly*. 4 to 6 in. June to September. Cushion-like plant with clusters of rose-pink flowers on stems springing from the rosettes of leaves. Beautiful for rock garden or edging.

\**S. virginica*. *Fire Pink*. 1 to 2 ft. June and July. Thin, erect plants with loose cluster of blazing scarlet flowers with fringed petals. A superb rock plant in moderately dry and not too shady places. 90 cts. for 3, \$2.40 for 10.



*Sedum acre*. See page 106



## SEMPERVIVUM • Houseleek

A most interesting group of plants suitable for dry walls, rockeries, and edgings. All of them form firm, fleshy rosettes of foliage with smaller offsets, from which they derive their common name of "Hen and Chickens." Most of them bloom in June and July and they are attractive for their very curious habit and amusing form.

**Sempervivum arenarium.** The plant makes small rosettes of bright green varying to crimson, and spreads rapidly. It is a fine variety where tiny plants are needed in large numbers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\***S. arachnoideum. Spiderweb Houseleek.** 6 in. A lacy network of fine threads spreads from tip to tip of leaves, giving a cobweb effect. The flowers are bright red. Curious and very interesting plants. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\***S. assimile.** 6 in. Compact rosettes of pale gray-green leaves and large, pale pink flowers with narrow petals. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\***S. brauni.** 6 in. Bronze, almost dull red tips, dull green at base. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\***S. fauconnetti.** 4 to 6 in. The small leaves are arranged in rosettes and the flowers are red. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\***S. fimbriatum. Fringed Houseleek.** 6 to 10 in. Rosettes reddish at base, very downy and fringed with hairs at the tips. Flowers red, in loose spikes. Pretty. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\***S. globiferum. Globe Houseleek.** 6 to 9 in. Flattish rosettes of gray leaves with small yellow flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\***S. hispidulum.** Dark foliage in tiny rosettes and deep purplish red flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\***S. potsi.** 6 in. Small rosettes of dark leaves and yellow blossoms. 75 cts. for 3, \$2.20 for 10, \$15 per 100.



Sempervivum

\***Sempervivum soboliferum. Hen and Chickens.** 6 to 9 in. Compact little tufts with many loosely attached offsets which roll away and make new colonies. Pretty silvery foliage, lightly tinged bronze. Flowers yellow, in dense, fleshy spikes. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\***S. tectorum. Roof Houseleek.** 8 to 12 in. Broad rosettes of green leaves with reddish tips and light red flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\***S. tectorum violaceum. Violet Houseleek.** 1 ft. Olive-green rosettes tinted with violet-brown; reddish flowers. Largest of the Houseleeks. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

## SHORTIA

**Shortia galacifolia. Oconee Bells.** 8 in. June. A rare little evergreen plant with round, glossy green, leathery leaves from which rises a slender stem bearing fringed, nodding white flowers about half an inch across. A very dainty thing which wants acid soil and shade. \$1.05 for 3, \$3 for 10, \$25 per 100.

## SILPHIUM • Rosin Weed

**Silphium perfoliatum. Cyp Rosin Weed.** 6 to 8 ft. July to mid-September. Showy heads of yellow flowers.

## SMILACINA

\***Smilacina bifolia (Maianthemum bifolium).** 6 to 8 in. May and June. A small plant like a lily-of-the-valley, with two large leaves and a spiky spray of small white flowers.

## SOLIDAGO • Goldenrod

The Goldenrods are too well known to need extensive description. They are showy at the back of borders, in meadow plantings, and along the edges of groves or thickets. For bold landscape effects they are unequalled, giving a mass of brilliant color from midsummer until autumn, and the dead heads are still beautiful and graceful as they sway above the winter snow.

**Solidago canadensis. Canada Goldenrod.** 3 to 4 ft. July to early October. A tall species that is fine for sandy, open places. The numerous flowers are golden yellow, in large, rather flat heads. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**S. rigidus. Stiff Goldenrod.** 2 to 3 ft. August and September. A bold plant with large, heavy foliage and immense heads of rich yellow flowers. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**S. rugosa. Wrinkled Goldenrod.** 2 to 3 ft. August and September. Massive heads of yellow flowers and large, heavy foliage. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**S. sempervirens. Seaside Goldenrod.** 2 to 3 ft. August and September. Very large leaves and large yellow flowers. One of the best Goldenrods. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

## SOLDANELLA

\***Soldanella alpina.** 6 in. May. Dainty, nodding blue flowers in clusters on erect stems. \$1 each.

## STACHYS • Betony

\***Stachys grandiflora. Big Betony.** 1 ft. June and July. A fine border plant, with heavily veined leaves and pretty spikes of rosy pink flowers.

\***S. grandiflora superba. Mauve Betony.** 12 to 18 in. July to September. Spikes of rosy purple flowers. Fine for shrubbery border.

\***S. lanata. Woolly Betony.** 1 ft. July. A very useful plant for edging because of its dense, attractive, silvery white foliage which is particularly effective in showing off the small, delicately tinted, purple flowers.





## STATICE • Armeria

There is much confusion in the names of these plants. Those commonly called Statice will be found under Limonium, and here are listed those plants usually found under Armeria. This nomenclature is in accord with best authorities.

They are fine rock-garden or edging plants, forming dense carpets or rosettes of foliage above which their globular flower-heads sway on slender stems.

\**Statice armeria* {*Armeria maritima*}. 3 to 6 in. May and June. Valuable for edging. Flowers fine lavender-pink. Foliage grass-like, evergreen. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**S. armeria alba* {*Armeria maritima alba*}. 3 to 6 in. May and June. Tufts of deep green foliage; white flowers.

\**S. armeria lauchiana*. 3 to 6 in. April to June. Bright rose-colored flowers. Excellent for rock garden or edging. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**S. armeria lauchiana robusta*. 8 to 10 in. June to October. Large crimson flowers. Very useful for edging and cutting.

*S. latifolia*. See *Limonium latifolium*.

*S. plantaginea leucantha* {*Armeria dianthoides*}. *White Plantain*. 1 ft. or more. July and August. Tufts of narrow foliage and large, dense heads of pure white flowers.

\**S. pseudo-armeria rosea* {*Armeria formosa rosea*}. 12 to 15 in. July and August. Rather broad leaves in large rosettes and slender stems bearing brilliant pink flower-heads. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

\**S. pseudo-armeria rubra* {*Armeria cephalotes rubra*}. 12 to 18 in. July and August. Densely tufted plants, with large, rich crimson flower-heads on tall, slender stems. An exceedingly lovely and graceful plant superior to the other Armerias in all respects. Stock is always in heavy demand and consequently scarce. 90 cts. for 3, \$2.50 for 10, \$20 per 100.

## STENANTHIUM

\**Stenanthium robustum*. *Feather Fleece*. 3 to 4 ft. July and August. Long, slender leaves and tall stems with showy panicles of white, feathery flowers often 2 feet long. Valuable for naturalizing in moist, shady corners. 90 cts. for 3, \$2.40 for 10, \$20 per 100.

## STOKESIA

*Stokesia laevis* {*cyanea*}. *Stokesia*. 1 to 2 ft. July to October. A charming plant, with very large, lavender-blue flowers resembling the centaureas. Of great value for border and cutting.

*S. laevis alba*. *White Stokesia*. A variety of the preceding with pure white flowers.

## TEUCRIUM

\**Teucrium chamaedrys*. *Chamaedrys* 'Germander'. 1 ft. July to September. Terminal spikes of bright rose flowers, the lower lips spotted with red and white; evergreen foliage. An especially good plant for late summer bloom and in many places it is being used in place of boxwood for edging. 90 cts. for 3, \$2.40 for 10, \$20 per 100.

## TIARELLA

\**Tiarella cordifolia*. *Allegheny Foam Flower*. 6 to 12 in. May and June. An elegant plant with fine foliage and small, creamy white, star-shaped flowers in clusters on slender stems. A fine plant for naturalizing.



*Statice pseudo-armeria rubra* (*Armeria cephalotes rubra*)

## THALICTRUM • Meadowrue

Unusually graceful plants, beautiful both in flower and foliage, which remain attractive throughout the whole season. The showy part of the flowers is usually the long, thread-like stamens which are very delicately colored, giving a most airy, foam-like quality to the bloom. Beautiful either as specimens or masses, but they look best in masses at the edge of shrubs or at the center or rear of borders, depending upon the height of the varieties chosen.

*Thalictrum aquilegifolium*. *Columbine Meadowrue*. 3 to 4 ft. May to July. A very graceful border plant, with heads of feathery cream-colored flowers. Its finely cut foliage resembles that of the columbines. Good for rock garden.

*T. aquilegifolium purpureum*. *Purple Columbine Meadowrue*. Similar to the preceding but with showy purple stamens, giving a soft misty beauty to the flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*T. cornutum*. 3 to 4 ft. July to September. A strong-growing native variety with white flowers. It thrives in a wet, open place, often along brooks.

*T. dipterocarpum*. *Yunnan Meadowrue*. 2 to 3 ft. August and September. Flowers violet-mauve with lemon-yellow stamens. A very graceful, showy, and beautiful plant. \$1.05 for 3, \$3 for 10, \$24 per 100.

*T. dipterocarpum album*. 2 to 3 ft. A lovely new variety with pure white flowers. \$1.05 for 3, \$3 for 10.

*T. glaucum*. *Dusty Meadowrue*. 4 to 5 ft. July. Similar in habit to *T. aquilegifolium*, with blue-gray, fine-cut foliage and heads of Chinese yellow, fragrant flowers.

\**T. minus adiantifolium*. *Maidenhair Meadowrue*. 1 to 2 ft. June to mid-July. Grown for the foliage, which is grayish and resembles that of the maidenhair fern. Charming in the border as edging or in rock garden.

*T. sulfureum*. *Sulphur Meadowrue*. 5 ft. July and August. A hybrid variety from the famous hybridizer Lemoine. It bears immense panicles of charming sulphur-yellow flowers.

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100





*Thermopsis*

### THERMOPSIS

*Thermopsis caroliniana. Carolina Thermopsis.* 4 to 5 ft. June and July. A tall plant with bright yellow, pea-shaped blossoms along the upper part of the stalk, and clover-like foliage. The merit of this splendid native has never been fully appreciated. Fine for wild-garden or half-shady places in the shrubbery, but it is even better introduced among the lighter shades of delphiniums, making an interesting and striking contrast with them. \$1.20 for 3, \$3 for 10, \$24 per 100.

*T. mollis. Soft Thermopsis.* 2 to 3 ft. Mid-May to August. Erect, branching plant with yellow flowers in showy spikes. A good border subject. \$1.20 for 3, \$3 for 10, \$24 per 100.

### TRADESCANTIA

*Tradescantia virginiana. Virginia Spiderwort.* 2 ft. July and August. An old garden plant, with grass-like foliage and violet-blue flowers all summer.

*T. virginiana alba. White Spiderwort.* White. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*T. virginiana rosea. Pink Spiderwort.* 1 ft. Slender, smooth-stemmed, with rose-pink flowers.

### TRILLIUM

*\*Trillium grandiflorum. Snow Trillium.* 9 in. May. The large, white, three-petaled, lily-like flowers nod at the center of a cluster of three big leaves and change to rosy pink as they fade. Fine for planting in shade. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

*\*T. erectum. Wake Robin.* 1 ft. or more. May. The flowers are smaller than the preceding and brownish purple, sometimes tinted green. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**TRITOMA.** See *Kniphofia*

### THYMUS • Thyme

Tiny, old-fashioned sweet herbs valuable for edging, stone work, and low carpet bedding. *Thymus serpyllum* is usually evergreen. Splendid for steps and walks for the fragrance exhaled when the plants are brushed or bruised.

*\*Thymus serpyllum. Creeping Thyme; Mother-of-Thyme.* 6 in. July. Creeping, evergreen plant much prized for edging, rockwork, and ground-cover. It has tiny lilac flowers and odorous leaves used for seasoning. A very leafy and attractive plant.

*\*T. serpyllum albus. White Mother-of-Thyme.* 2 to 4 in. June to August. A pretty subject for rockery with dark green foliage and little white flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*\*T. serpyllum argenteus.* Another of the many Creeping Thymes. This one has silvery foliage. \$1.05 for 3, \$3 for 10, \$20 per 100.

*\*T. serpyllum citriodorus. Lemon-scented Thyme.* 4 in. July and August. Very similar to the Creeping Thyme, with tiny pink flowers and sweet foliage. Excellent for rock garden.

*\*T. serpyllum coccineus. Crimson Thyme.* 2 to 4 in. Similar in form to preceding with bright crimson flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*\*T. serpyllum lanuginosus. Woolly Thyme.* 3 to 4 in. June to August. Downy gray foliage. Effective for compact carpeting and edging.

*\*T. serpyllum roseus.* 4 in. July and August. A rare form of the Creeping Thyme making a lovely carpet of pure pink in early summer. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

*\*T. vulgaris. Common Thyme.* 6 in. June and July. It is grown as a sweet herb. The small, lilac or purplish flowers are borne in terminal, interrupted spikes. Foliage very fragrant. Fine for rock garden.

### TUNICA

*\*Tunica saxifraga. Saxifrage Tunic Flower.* 6 in. July to October. A dwarf, tufted rock plant with pinkish flowers and most delicate foliage.

*\*T. saxifraga alba.* A white-flowered form.



*Tunica saxifraga*

Except where otherwise indicated, all Perennials are 90 cts. for 3, \$2.40 for 10, \$18 per 100





## TROLLIUS

Very showy flowers of globular shape, resembling giant buttercups. They like damp places, not necessarily shaded as some of them develop their best colors only in sunlight. They are splendid for massing along water-courses for display, and are equally good in the garden for cut-flowers.

**Trollius asiaticus.** *Siberian Globeflower.* 12 to 18 in. May and June. Large orange flowers on leafy stems which are suitable for cutting. 50 cts. each, \$4 for 10.

**T. asiaticus giganteus.** Similar to *T. asiaticus*, but much taller and stronger. 50c. each, \$4 for 10, \$36 per 100.

**T. europaeus.** *Common Globeflower.* 12 to 18 in. May to August. A valuable border perennial, with large, globular, lemon-yellow buttercup-like flowers on long stems. 40 cts. each, \$3.50 for 10, \$25 per 100.

**T. europaeus, Eleanor.** 18 in. Flowers clear yellow and double the size of *T. europaeus*. A fine variety. 50 cts. each, \$4 for 10, \$30 per 100.

**T. europaeus japonicus.** *Japanese Globeflower.* 8 to 12 in. Beautiful, semi-double, orange-yellow flowers. 50 cts. each, \$4 for 10, \$30 per 100.

**T. europaeus japonicus, Excelsior.** 2 ft. Rich orange flowers. 50 cts. each, \$4 for 10.

**T. europaeus loddigesii.** *Goldenball Trollius.* Similar to *T. europaeus* but has larger and deep yellow flowers. 50 cts. each, \$4 for 10.

**T. europaeus, Orange Globe.** 2 ft. June to August. A strong, sturdy grower, with large, globular flowers of a rich, deep glowing orange. Free blooming. 50 cts. each, \$4 for 10, \$36 per 100.

**T. ledebouri.** *Ledebour Globeflower.* July and August. A giant in the family, 3 feet or more tall. Flowers orange-yellow, spread open more than other sorts. 40 cts. each, \$3.50 for 10, \$30 per 100.

## VALERIANA

**Valeriana officinalis.** *Garden Heliotrope.* 4 ft. June. Numerous trusses of pinkish lavender flowers with a delicate vanilla fragrance. Foliage showy.

**V. coccinea.** See *Centranthus ruber*.

## VERBASCUM • Mullein

The Mulleins are bold, showy plants, very effective in naturalistic planting and for emphatic effects in the wilder part of the garden. Their foliage is striking and makes a beautiful contrast with the brighter leaves of other perennials.

**Verbascum densiflorum {thapsiforme}.** 4 to 6 ft. June and July. The yellow flowers have mahogany centers and are clustered along the much-branched stems.

**V. hybridum, Miss Willmott.** 6 ft. July and August. A very beautiful variety with large, pure white flowers produced on picturesque plants over a long season. \$1.05 for 3, \$3 for 10, \$18 per 100.

**V. longifolium pannosum.** *Golden Gate Mullein.* 3 to 4 ft. July and August. A very vigorous, woolly plant with tall, showy spikes of sulphur-yellow flowers.

**V. olympicum.** *Olympic Mullein.* 6 to 10 ft. July. A stately variety, with large, woolly, silvery white foliage and bright yellow flowers in branching spikes.

**V. phoeniceum.** *Purple Mullein.* 18 in. Flat rosettes of crinkly leaves from which rise slender spikes of beautiful mauve-purple and rosy violet flowers. Showy and very desirable. \$1.05 for 3, \$3 for 10, \$20 per 100.



*Trollius europaeus*

## VERBENA

**Verbena hastata.** *Blue Vervain.* 4 to 6 ft. August and September. This bold, wiry plant has tough, narrow leaves and long, slender spikes of rich, intensely blue-violet flowers. Showy in meadow or wild-garden.

**V. venosa {rigida}.** 1 to 2 ft. Stiff, erect plant with dense spikes of purple flowers 3 inches long. \$1.05 for 3, \$3 for 10.

## VERNONIA • Ironweed

**Vernonia crinita {arkansana}.** *Bur Ironweed.* 5 ft. September. Large heads of purple flowers.

**V. noveboracensis.** *Common Ironweed.* 3 to 6 ft. July to September. One of the noblest and showiest of our native flowers. A tough and rather coarse plant with beautiful heads of violet and purple blooms. Contrasts especially well with groups of helianthus.

## VERONICA • Speedwell

A large and very interesting family varying from creeping rock plants to husky shrubs. They all do well in rather moist soil and half shade, but prefer the full sunlight. In masses they make a vivid splash of rich blue in their season, and the foliage of all of them is attractive.

**\*Veronica amoena.** A leafy bushlet about 1 foot high, with rosy lavender flowers in neat spikes. Good for rock gardens and borders. \$1.20 for 3, \$3.50 for 10.

**\*V. gentianoides.** *Gentian Speedwell.* 9 to 12 in. May. One of the earliest and most valuable border plants. It has attractive pale blue flowers with darker streaks.

**\*V. incana.** *Woolly Speedwell.* 1 ft. July and August. A white woolly plant with numerous blue flowers. It is of good appearance both in and out of bloom. Useful in rockery or border.

**V. longifolia alba.** *White Beach Speedwell.* 12 to 18 in. July to September. A strong, leafy plant, with upright spikes of pure white flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

There are many other varieties of perennials growing in our nurseries besides those listed here.

Write us your wants and we will tell you what we can supply



Viola, Jersey Gem, tucked in the corner of the garden steps

**Veronica longifolia subsessilis.** *Clump Speedwell.* 2 ft. July to September. One of the handsomest blue-flowering plants. It is perfectly hardy and increases in strength and beauty each year. Spikes completely studded with beautiful blue flowers. Fine for cutting and one of the best plants for the hardy border. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

**V. longifolia, Blue Jay.** 2 to 3 ft. A handsome variety with the glorious blue-violet color of *V. spicata* and the general habit and foliage of *V. longifolia subsessilis*. \$1.20 for 3, \$3.50 for 10, \$25 per 100.

**\*V. nummularia.** 3 in. A wandering, carpeting variety with overlapping, tiny leaves, and large, lovely flowers of dainty blue in roundish heads. Splendid rock and edging plant. \$1.20 for 3, \$3.50 for 10.

**\*V. repens.** *Creeping Speedwell.* 3 to 4 in. May and June. A useful rock or carpeting plant with light blue flowers, as it covers bare spaces rapidly. It prefers a moist situation but does well in dry soil. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\*V. rupestris.** *Rock Speedwell.* 4 in. May and June. An excellent plant for carpeting rockeries or bare spots. Dense spikes of blue flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\*V. rupestris, Heavenly Blue.** May and June. A splendid light blue form. \$1.20 for 3, \$3.50 for 10, \$30 per 100.

**\*V. rupestris rosea.** 2 ft. June to September. A much-branched variety with pink flowers. \$1.05 for 3, \$2.70 for 10, \$20 per 100.

**\*V. rupestris trehani.** June and July. Of same general type as *V. rupestris* but the foliage makes a lovely show of greenish gold.

**\*V. saxatilis {fruticulosa}.** 6 in. Shrubby little plant with glittering spikes of pale blue flowers, sometimes varying to pink. A rock plant. \$1.20 for 3, \$3.50 for 10.

**V. spicata.** *Spike Speedwell.* 18 in. June and July. Long spikes of violet-blue flowers. One of the best plants for a sunny border.

**V. spicata alba.** *White Speedwell.* A similar variety with long spikes of snowy white flowers.

**\*Veronica spuria {amethystina}.** *Bastard Speedwell.* 8 to 12 in. May and June. A slender, upright, leafy plant, with many narrow spikes of dark blue flowers. One of the best varieties for rockwork.

**\*V. spuria, Royal Blue.** 1 ft. May and June. A bushy plant with a great abundance of bright blue spikes. Very showy. 90 cts. for 3, \$2.40 for 10, \$21 per 100.

**\*V. spuria, True Blue.** 10 to 12 in. June to August. A new variety of dense habit with clear, dark blue flowers. 90 cts. for 3, \$2.40 for 10, \$21 per 100.

**V. traversi.** Stiff, formal bushes, with bright but dark green foliage, set all summer with white flowers in loose spikes. The hardiest of the strange and rare New Zealand Veronicas or Hebes. \$1.20 for 3, \$3.50 for 10.

**V. virginica.** *Culver's Physic.* 3 ft. or more. August and September. An erect plant with terminal spikes of pale blue flowers. Good for wild-gardens.

**V. virginica alba.** 4 ft. A similar form with erect spikes of white flowers.

### VINCA

**Vinca minor.** *Common Periwinkle.* See Evergreen Shrub Section.

**VINCETOXICUM.** See Cynanchum

### VIOLA

The Violet family is large and contains many useful and showy plants. Besides several distinctive species, we list a choice selection of varieties of the beautiful Violas. These are especially good for edging in rather moist, half-shady places. They are excellent at the edge of rose-beds and just at the edge of low-growing shrubs.

**\*Viola bosniaca.** 4 in. June and July. A distinct alpine species with very pretty rosy pink flowers. \$1.05 for 3, \$3 for 10, \$20 per 100.

**\*V. cornuta.** *Tufted Pansy.* 8 in. April to September. A hardy variety with large, pale blue flowers of Violet form. A fine border plant. For various hybrid varieties, see Tufted Pansies.

**\*V. cornuta alba.** (Type.) *White Tufted Pansy.* Large, white-flowered variety. A constant bloomer.

**\*V. cornuta atropurpurea.** (Type.) *Purple Tufted Pansy.* May to September. Deep violet-blue flowers with distinct Violet fragrance. Blooms all summer. One of the best for border or rock garden.

**\*V. cornuta, G. Wermig.** 8 in. May to September. Dark blue flowers on long stems. 90 cts. for 3, \$2.40 for 10, \$20 per 100.

**V. cucullata.** *Blue March Violet.* 8 in. April and May. Dark blue flowers, freely produced on long stems. Fine for planting in shade. 75 cts. for 3, \$2.20 for 10, \$15 per 100.

**V., Jersey Gem.** 8 in. May to September. An improved variety with showy violet-blue flowers which are produced more freely and over a longer season than most kinds. It is also very resistant to hot weather. \$1.05 for 3, \$3 for 10, \$20 per 100.

**V., Jersey Gem, White.** A charming pure white sport of the popular Jersey Gem, with the same profusion and perennial habit. \$1.05 for 3, \$3 for 10.

**V. odorata, Gov. Herrick.** 3 to 6 in. April to June. Fine, large flowers of clear blue, moderately fragrant.

**V. odorata, Rosina.** A most delightfully fragrant single variety with deep rose-pink flowers. Floriferous and hardy. \$1.20 for 3, \$3 for 10, \$25 per 100.

**V. odorata, Single Russian.** *Sweet Violet.* 6 to 8 in. May to October. Fine flowers of rich fragrance produced at intervals all summer.





**Viola odorata, Double Russian.** A lovely double form of the preceding. Flowers large and richly fragrant. \$1.20 for 3, \$3 for 10.

**\*V. pedata. Bird's-foot Violet.** 6 in. One of the best wild flowers and one of the first to bloom. Deep purple flowers and fine-cut leaves.

**Tufted Pansies (*Viola cornuta*)**

The following varieties of Tufted Pansies are the result of hybridizing *Viola cornuta* with other species. They are somewhat showier than the straight Cornuta varieties but generally less compact in habit.

75 cts. for 3 of one kind, \$2.20 for 10, \$15 per 100, except as noted

- Admiration.** Rich dark blue.
- Apricot.** Deliciously colored flowers of soft apricot throughout, tinted orange at center. A fine bloomer and exceedingly beautiful. \$1.20 for 3, \$3 for 10, \$24 per 100.
- Black Knight.** Glossy black flowers of striking appearance. This and Apricot are each unique and extremely valuable plants. 90 cts. for 3, \$2.40 for 10, \$21 per 100.
- Blue Perfection.** Mauve, yellow eye.
- Lutea.** Golden yellow.
- Mauve Queen.** Fine reddish violet.
- Papilio.** Similar to *V. cornuta* in color but larger and more wavy.
- Purple Queen.** Purplish violet. Fine.
- White Perfection.** A fine white flower.

**YUCCA**

**\*Yucca filamentosa. Common Yucca.** 4 to 5 ft. June and July. Very ornamental, sword-like foliage and tall

spikes of fragrant, drooping, bell-shaped, creamy white flowers. A showy landscape plant for bold effects.

	3	10	100
2-yr. plants . . . . .	\$0 90	\$2 40	\$18 00
3-yr. plants . . . . .	1 05	3 00	20 00



Yucca filamentosa

**PLANTING AND CARE**

**The Time to Plant**

The great bulk of planting is done in spring—the earlier, the better. Many herbaceous perennials, and most shrubs, fruit trees, and shade trees are successfully planted at that time. Evergreens can be moved in spring or early autumn, before the middle of October. Autumn planting is also recommended for shrubs, deciduous trees, and roses, particularly the hardy climbing roses and the shrubby types. Perennials may be planted in September, giving them time to become established before winter.

**How to Plant**

To a person not experienced in planting trees, it seems quite a task, but in reality it is not difficult. More plants are killed by intended kindness than by willful neglect. Some people are so fussy in planting that they needlessly consume a great deal of time setting a single tree, while there are others drying up awaiting their turn. Do not dig the holes until the plants are on the ground and ready to be put in. Dig a fresh hole for every plant. Plants must not be allowed to remain on top of the ground in the sun, but must be taken one by one from the boxes, or all at one time, and heeled into the ground properly, to be removed as wanted for planting. Dig the holes sufficiently large so that the roots may spread out laterally in their natural position without cramping. Do not dig the holes too deep or too shallow—the collar on the plant will indicate how deep it was planted in the ground before it was taken up.

Set it about one inch deeper. Use only well-pulverized loam in filling in around the roots. **No sods or manure should be used under any circumstances.** Shake the soil in gradually and jostle the tree or plant until

every crevice is filled and no air-chambers left. In case of trees that are too large to be jostled, it is often necessary to tamp the dirt with a hoe handle or other smooth stick that will not injure the roots. After the roots have been well covered in this way, the ground should be thoroughly firmed and the hole filled again and the second time trodden. Do not be afraid of making the ground too firm around the roots. The final filling should be left without treading. When trees or shrubs are planted in this way, there is little danger of their dying.

**Puddling**

In case it is very dry, dip the roots into a thick mud paste before planting. This is known as "puddling" the roots. If the season is wet, it is not necessary.

**Mulching**

We strongly recommend mulching freshly planted trees and shrubs with manure. It conserves moisture, furnishes food for the plants, and renders watering unnecessary except in unusually dry periods.

**Formulas for Spraying**

Formulas can be had at all of the Agricultural Experiment Stations throughout the United States, and bulletins containing the most efficient and up-to-date methods of applying the same.

**Planting Evergreens**

It is no more difficult to plant evergreens than deciduous trees, but extra care must be taken that the roots are not allowed to become dry. A few special hints are given in the section of this catalogue devoted to them.



## FRUIT TREES

### APPLES

#### Standard Apples

The trees we offer have all been inspected for trueness of name, although not all individually certified.

2-yr. trees, 5 to 7 ft., 11/16-in. cal., \$1 each,  
\$9 for 10, \$85 per 100

**Baldwin.** Famous variety which originated near Boston about 1740. Yellow fruits almost completely overlaid with dark red; very crisp, snappy flavor; good for eating and cooking—keeps long and ships well.

**Delicious.** Very popular autumn and early winter variety of superb quality. Fruits large, conical and striped red and yellow.

**Golden Russet.** An ancient English golden brown, long winter-keeping variety of excellent quality.

**Gravenstein.** A delicious red and yellow autumn variety of superb cooking quality.

**McIntosh Red.** Large, firm, well-flavored variety of bright red, for autumn and early winter use.

**Red Astrachan.** A bright red early Apple for summer. Quick growing and early bearing.

**Rhode Island Greening.** Very popular, high-grade, midwinter Apple, both for cooking and dessert. Fruits green and yellow.

**Roxbury Russet.** Similar to Golden Russet but a little larger, less acid in flavor, and a longer keeper.

**Yellow Transparent.** Bright greenish yellow, early summer Apple of good quality for eating and cooking.

#### Certified Apples

Our 3-year and 4-year Apple Trees have all been certified individually as to trueness of name by Prof. J. K. Shaw, of the Massachusetts Agricultural College.

3-yr. trees, 5 to 7 ft., \$1.50 each, \$13.50 for 10

**Baldwin.** Described above.

**Cortland.** A fine new bright red variety resembling the famous McIntosh Red, with the same fine flavor, but keeps in fine condition until late in the winter.

**Delicious.** Described above.

**Fameuse.** From October until midwinter a splendid bright red eating Apple of delicious flavor.

**Golden Sweet.** Prized for family use in late summer and autumn; very sweet and tender.

**Gravenstein.** Described above.

**Grimes Golden.** Medium size; deep golden yellow. Aromatic and sweet. November, December.

**McIntosh Red.** Described above.

**Northern Spy.** Very large red and yellow striped fruits of rich juicy quality. One of the best midwinter Apples grown for eating and cooking.

**Porter.** A fine eating and cooking Apple of bright yellow, tinged with red, for autumn and early winter use. Originated in Massachusetts about 1800.

**Red Astrachan.** Described above.

**Rhode Island Greening.** Described above.

**Roxbury Russet.** Described above.

**Stayman's Winesap.** A handsome late winter variety of excellent cooking quality and well liked.

**Tolman Sweet.** Small uniform fruit of firm quality, popular for culinary use in late autumn and early winter.

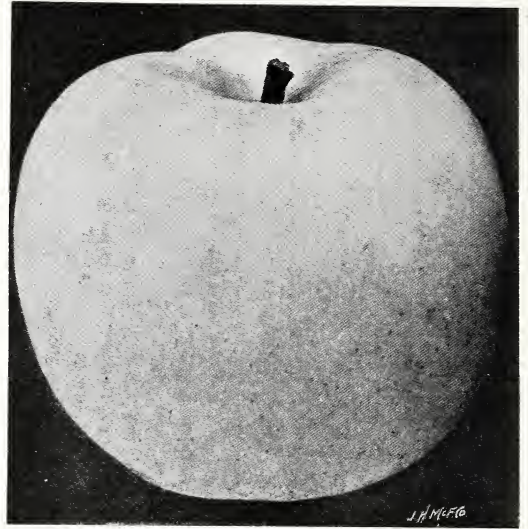
**Williams' Early Red.** A pretty red Apple, very popular for home use in August and September.

#### Dwarf Apples

2-yr. trees, \$1.25 each, \$11 for 10

See description under Standard and Certified Apples.

Baldwin	Red Astrachan
Delicious	Rhode Island Greening
McIntosh Red	Yellow Transparent



Rhode Island Greening Apple

### Crab-Apples

2-yr. trees, 5 to 7 ft., \$1 each, \$9 for 10

**Hyslop.** Dark red or purplish fruits. One of the best-known Crabs. Late September and October.

**Martha.** Large, clear yellow tinged red; crisp, juicy and excellent flavor. September to November.

**Transcendent.** Beautiful red and gold fruits of high quality in August and September.

### CHERRIES

2-yr. trees, 5 to 7 ft., 11/16-in. cal., \$1.50 each,  
\$14 for 10

**Black Tartarian.** The favorite black sweet Cherry of New England. Early ripening.

**Early Richmond.** Excellent early bright red sour Cherry for pies and home use.

**Governor Wood.** Handsome, yellow-white, sweet fruits of the best flavor. Excellent for home use.

**Montmorency.** The standard sour Cherry for home and market. Extremely productive, hardy, and of excellent flavor. Ripens early.

**Napoleon Bigarreau.** The largest white sweet Cherry. Beautiful fruits of excellent flavor.

**Windsor.** A firm, free-bearing, dark maroon fruit of excellent quality.

**Yellow Spanish.** The oldest and one of the best with red and yellow sweet Cherries of superb quality.

### PEACHES

1-yr. trees, 4 to 5 ft., 75 cts. each, \$6 for 10, \$50 per 100

**Belle of Georgia.** Very beautiful fruit of fair quality, maturing in midseason.

**Champion.** A most delicious white-fleshed Peach for home use. Early midseason.

**Crawford Early.** This delicious early golden yellow variety is of wonderful quality, but an erratic bearer.

**Elberta.** Most popular of all Peaches for its keeping and marketing qualities. Midseason.

**J. H. Hale.** A splendid new sort, better than Elberta, in size, earliness, and flavor.





## PEARS

### Standard Pears

3-yr. trees, 5 to 7 ft., \$1.50 each, \$14 for 10

**Bartlett.** Most popular of all Pears for dessert and canning. Matures in September. Fine shape and color, and excellent flavor.

**Beurre d'Anjou.** Delicious, buttery Pear of high flavor which has been popular many years.

**Beurre Bosc.** A favorite russet-gold Pear of elegant shape and exquisite flavor. Makes a handsome tree and bears abundantly, ripening in October and November.

**Clapp's Favorite.** Equal to Bartlett in appearance and flavor, but matures a week or two earlier.

**Seckel.** The most delicious of all Pears and popular the country over. Fruits are small, russet-brown, and borne abundantly. Ripens in October.

**Sheldon.** A handsome, beautifully colored fruit of high quality, ripening in October. Fine for domestic use or home market.

**Winter Nelis.** The standard winter Pear in this country. Medium size; excellent flavor; keeps well into January.

### Dwarf Pears

3-yr. trees, \$1.50 each, \$12.50 for 10

**Bartlett.** Described under Standard Pears.

**Clapp's Favorite.** Described under Standard Pears.

**Duchesse d'Angouleme.** Very large, solid fruits of superb buttery flavor, ripening in October and November.

**Seckel.** Described under Standard Pears.

## PLUMS

2-yr. trees, \$1.50 each, \$14 for 10

**Abundance.** Pinkish red fruits with golden flesh; very juicy and sweet. Early.

**Bradshaw.** One of the most popular blue Plums. Fruits large; flesh yellow, of excellent flavor. Midseason.

**Burbank.** Larger fruits and better quality than Abundance, which it resembles in color and shape.

**Lombard.** An extremely adaptable tree succeeding everywhere, with excellent pinkish purple fruits of fair quality.

**Reine Claude.** An old and valued Plum of great richness of flavor and abundance. Fruits yellow-green. Midseason. Frequently called "Green Gage."

**Shropshire Damson.** One of the best Plums for culinary purposes. A favorite for both home and market.

## QUINCES

Trees, 4 to 5 ft., \$1.25 each, \$11 for 10

**Champion.** Prolific, constant bearer, with large, oval fruits of fine quality. Ripens late and keeps long.

**Orange.** Heavy bright yellow fruits of excellent flavor. Ripens in October.

**Rea's Mammoth.** Similar to Orange, averaging larger, of the same handsome form and color. Prolific.

## SMALL FRUITS

### BLACKBERRIES

\$1.25 for 10, \$10 per 100

**Eldorado.** A very early main-crop variety, with large, handsome fruits of exceptionally high quality. Very hardy and much prized for home and local market.

**Erie.** Extremely large, handsome berries, well-flavored if allowed to ripen on the plant. Midseason variety.

**Rathbun.** A productive early variety with large, handsome fruits of very good quality. Should be planted with another variety for cross pollenization.

**Snyder.** A standard old-time commercial variety, ripening in late midseason.

## GRAPES

3-yr. plants, 60 cts. each, \$5 for 10, \$45 per 100, except as noted

### Blue and Black Varieties

**Concord.** The standard American Grape. Popular everywhere for all purposes. 4-yr. plants, 75 cts. each, \$6 for 10.

**Moore's Early.** Early form of Concord. Dark blue.

**Worden.** A handsome black Grape, larger and with better flavor than Concord.

### Red Varieties

**Brighton.** Delicious, meaty red Grape of great beauty.

**Catawba.** Late-ripening red variety of excellent flavor.

**Delaware.** A small plant bearing tiny bunches of medium-sized berries of delicious flavor.

### White Varieties

**Green Mountain.** Clear green or yellowish fruits in slender clusters. Very fine quality. 75 cts. each.

**Niagara.** Large, handsome bunches, similar to Concord, but of delicious flavor and clear greenish white.

## RASPBERRIES

**Columbian.** A handsome purple hybrid between the red and black varieties. Large, firm, handsome berries of high quality. Strong plants, \$1.25 for 10, \$10 per 100.

**Cumberland.** Fine shipping variety of excellent size and good flavor. Strong plants, \$1.25 for 10, \$10 per 100.

**Cuthbert.** The most popular red Raspberry, adaptable to all soils and climates. Strong plants, \$1.25 for 10, \$10 per 100.

**Golden Queen.** The finest yellow variety and very richly flavored and productive. Strong plants, \$1.50 for 10, \$12 per 100.

**Latham.** A recent bright red variety of excellent quality which blooms and fruits late in the season. Strong plants, \$2 for 10, \$18 per 100.

**Ranere.** Popular everbearing variety of exceedingly vigorous growth. The fruits are small and produced all season. Strong plants, \$1.25 for 10, \$10 per 100.

## STRAWBERRIES

**Aroma.** A splendid commercial berry of uniform size, and an excellent keeper and shipper. Adapted to many soils. Late. Runner plants, \$1 for 25, \$2.50 per 100, \$20 per 1000.

**Marshall.** Exceedingly high-flavored, and a good cropper when well cultivated. Midseason. Runner plants, \$1 for 25, \$2.50 per 100, \$20 per 1000.

**Mastodon.** An Everbearing Strawberry of extraordinary size and delicious quality. It bears its bright red fruits in great abundance. Runner plants, \$1.50 for 25, \$3.50 per 100, \$30 per 1000.

**Progressive.** The best-known Everbearing Strawberry. Produces an excellent crop in the spring and autumn. Runner plants, \$1 for 25, \$2.50 per 100, \$20 per 1000.

**Senator Dunlap.** A favorite market and garden variety of high quality and handsome appearance. Early. Runner plants, \$1 for 25, \$2.50 per 100, \$20 per 1000.

## ASPARAGUS

2-yr., \$1 for 25, \$3 per 100; 3-yr., \$1.50 for 25, \$4.50 per 100

**Conover's Colossal**  
**Giant Argenteuil**

**Martha Washington**  
**Palmetto**

## RHUBARB

**Myatt's Linnaeus.** 30 cts. each, \$2.50 for 10, \$20 per 100.

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**How to Order.** All orders should be written plainly (this will insure against mistakes), stating how the goods are to be shipped, whether by express, freight, parcel post, or truck. Write plainly the post office, express or freight stations, and sign your name plainly.

**Packing and Shipping Directions.** All trees and plants are labeled and carefully packed and delivered to the forwarders at North Abington or Framingham at prices published semi-annually and which will be furnished to all requesting them. If no instructions are given, we shall use our best judgment in shipping. On account of the perishable nature of nursery stock, we recommend that small orders go by express. Evergreens, lifted with a ball of earth and carefully burlapped, can be packed to go safely by freight. **Herbaceous plants should never go by freight** except in carload lots. In all cases the stock, when it has been packed and delivered to the forwarder, is at the purchaser's risk, and should loss occur by delay in transit or accident by the forwarders, **they and not we** are responsible.

**Terms.** Our terms are cash, unless by special agreement. Charge accounts may be opened upon receipt of the names of two or more parties with whom the customer has credit relations, or by sending us bank or trade references, allowing time for investigation. We can ship by express C. O. D. when desired, with charges for collection added to the bill—provided 20 per cent of the amount due accompanies the order as a guarantee. All accounts unpaid after the due date will be subject to sight draft without further notice.

**Claims.** Claims for reductions must be made immediately upon receipt of the goods. On account of weather, soil conditions, and after-treatment, it is not possible for us to guarantee that the plants will grow. Neither are we responsible for errors and delinquencies of the forwarders.

**Prices.** Our prices are f.o.b. our nurseries. Quality and not price should be the guide in purchasing nursery products. Cheap nursery stock is expensive at any price. Our prices are not cheap; neither is our stock. Our prices are reasonable when quality and service are considered.

**Shipping Season.** Spring shipping begins about March 25 and continues until the last of May. In the fall we begin shipping evergreens and perennials in August, deciduous trees and shrubs the last of September, and continue until the ground freezes.

**Non-Guarantee.** We give no warranty, expressed or implied, as to quality, description, or productiveness of any nursery stock that we sell. The only guarantee that we make is that our stock is alive at time of shipment and true to name. No complaints will be considered that are not made within ten days after receipt of order. Any stock ordered from this catalogue and found untrue to name will be cheerfully replaced at the first favorable opportunity for planting, after it has been found not as ordered.

**Location of Our Nurseries.** Bay State Nurseries, Incorporated, are located in North Abington, Mass., and Framingham, Mass. North Abington is 18 miles south of Boston, on the N. Y., N. H. & H. R. R., half way from Boston to Plymouth. Framingham is 22 miles west of Boston on the main line of the Boston & Albany R.R. Trains leave the South Station at frequent intervals during the day. Visitors are always welcome. When notified, we meet visitors at the station with an automobile, and take them to the office.

**Quick Transportation to Boston, New York, and the West.** Our nurseries are so located that consignments arrive in Boston and New York the morning after the shipment is made. Shipments leaving at noon for New York and points beyond arrive in New York the following morning. Shipments for Boston and points beyond, leaving in the evening, arrive in Boston the following morning.



*Inspector's Certificate Accompanies Every Shipment*

**BAY STATE NURSERIES**

INCORPORATED

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